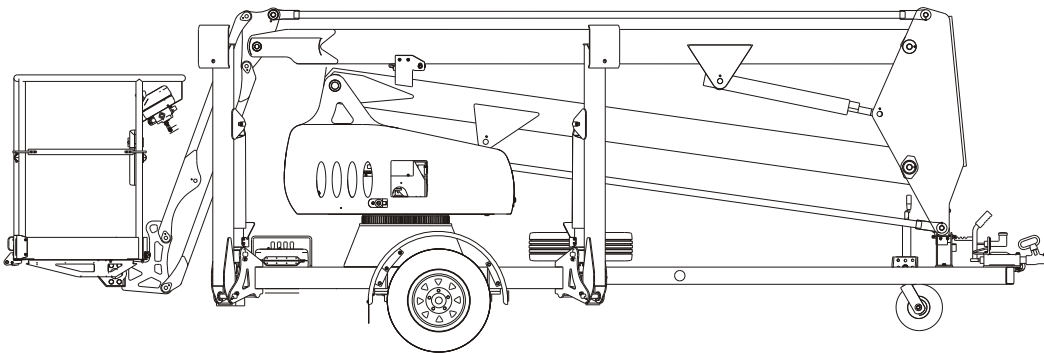




MHP1335



Diesel
Gasoline
Battery Electric
Bi-Energy Options

REPAIR PARTS MANUAL

Serial Number MHP1335-07-000003 and after

Part Number 14108-2

August 2018 (Rev A)

Version 3

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DANGER

The aerial platform is not electrically insulated. Death or serious injury will result from contact with, or inadequate clearance from, an energized conductor.

Do not go closer than the Minimum Safe Approach Distance as defined by ANSI standards.

Regard all conductors as energized.

Allow for electrical wire sag and aerial platform sway.

If the platform, boom, or any part of the aerial platform contacts a high-voltage electrical conductor, the entire machine can become electrically charged.

If that happens, remain on the machine and do not contact any other structure or object. This includes the ground, adjacent buildings, poles, and any other objects that are not part of the aerial platform.

Such contact could make your body a conductor to the other object, creating an electrical shock hazard resulting in death or serious injury.

If an aerial platform is in contact with an energized conductor the platform operator must warn ground personnel in the vicinity to stay away. Their bodies can conduct electricity creating an electrical shock hazard resulting in death or serious injury.

Do not approach or leave the aerial platform until the electricity has been turned off.

Do not attempt to operate the lower controls when the platform, booms, or any part of the aerial platform is in contact with a high-voltage electrical conductor or if there is an immediate danger of such contact.

Personnel on or near an aerial platform must be continuously aware of electrical hazards, recognizing that death or serious injury can result from contact with an energized conductor.

California

Proposition 65 Warning

Battery posts, terminals and related accessories contain lead and lead components, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

General Information

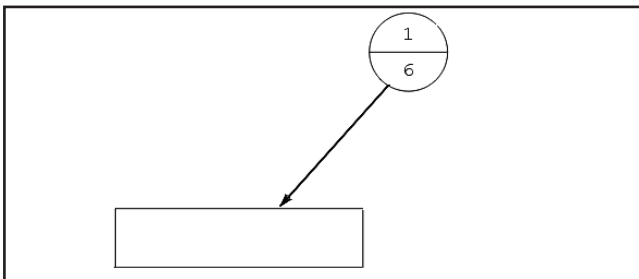
About This Manual

This manual covers MHP1335 aerial platforms. Information is included for machines that have been manufactured to conform to all applicable requirements of the following organizations:

- American National Standards Institute (ANSI)
- Canadian Standards Association (CSA)
- European Committee for Standardization (CE)
- Australian Standards (AS) certification

Part pages include a drawing and a bill of material. The bill of material lists the item number that is on the drawing, the Snorkel part number, quantity used and a description of the item.

Some callouts in the drawings may have a balloon with two numbers. The top number is the item number and the bottom number is the quantity of the item at that location.



While Snorkel has attempted in every way to confirm that all information in this manual is correct, improvements are being constantly made to the machine that may not be reflected in this manual.

If you find information in this manual that is not correct or is confusing, you are urged to report your findings to Snorkel for our evaluation. Your input is important to us and will be used in future printings of this manual.

This machine is covered by a limited warranty that specifically identifies items warrantied by Snorkel and those items covered by original manufacturer's warranty. A copy of the Snorkel Limited Warranty is located on the inside of the back cover of this manual.

Repairs and Maintenance

Every person who maintains, inspects, tests or repairs the machine must be qualified and authorized to do so.

⚠ Caution

Do not modify this aerial platform without prior written consent of Snorkel Engineering Department. Modification may void the warranty, adversely affect stability or affect the operational characteristics of the aerial platform.

Abbreviations

The following abbreviations may be used in this manual.

AC	alternating current
ANSI	American National Standards Institute
AR	as required
CCA	cold cranking amps
cm	centimeter
DC	direct current
ft	feet
GFCI	ground fault circuit interruptor
in	inch
lbs	pounds
mm	millimeter
no	number
NPT	national pipe thread
psi	pounds per square inch
qty	quantity
rpm	revolutions per minute
UL	Underwriters Laboratories Inc.

Additional Information

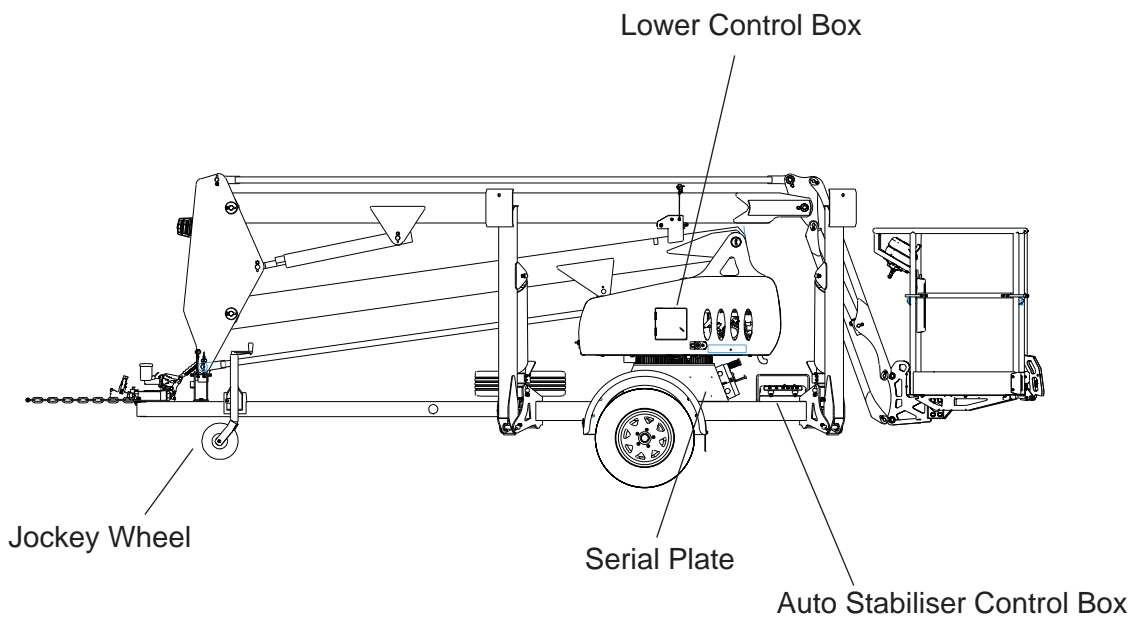
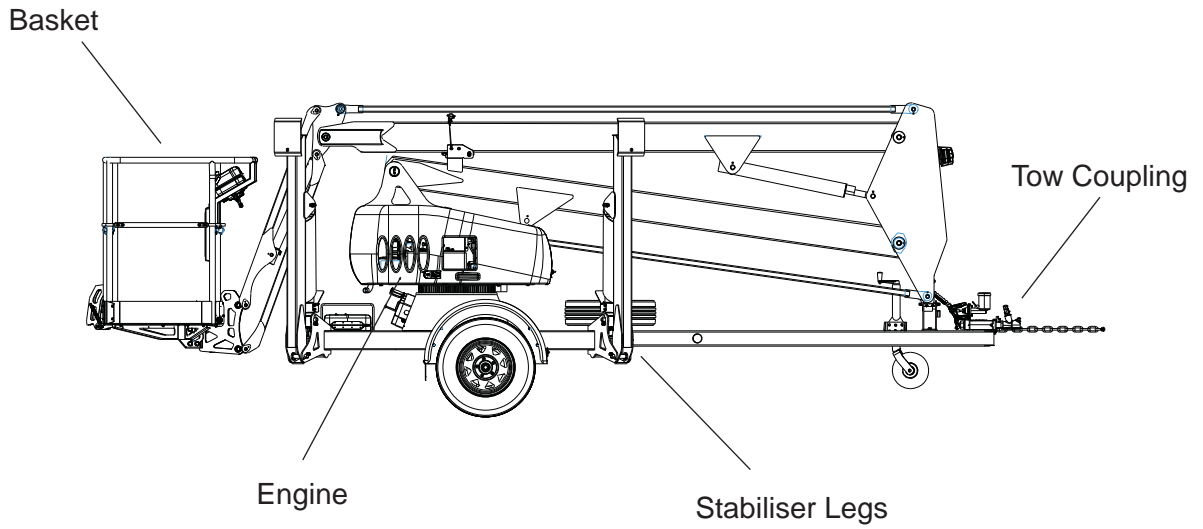
All correspondence relative to this machine, such as field reports, discrepancy reports, requests for information, etc., should be directed to:

Snorkel North America
P.O. Box 1160
St. Joseph, MO 64502-1160 USA
Phone: 1-800-255-0317

Snorkel Europe
Vigo Centre
Birtley Road
Washington
Tyne & Wear
NE38 9DA
Phone: +44 (0) 845 1550 058

<http://www.snorkellifts.com>

Component Identification



Service and Parts Information

Ordering Parts

When placing an order for service or repair parts, please have the following machine information readily available.

- Model number
- Serial number
- Snorkel part number
- Description of part
- Quantity of parts required
- Your purchase order number
- Address for order to ship to
- The desired shipment method

If ordering parts off-line, the parts order form on the following page may be mailed or faxed to the attention of the Parts Department at the following location:

Snorkel North America
P.O. Box 1160
St. Joseph, MO 64502-1160 USA
Phone: 1-800-255-0317
Parts Fax: 1-785-989-3077

Snorkel Europe
Vigo Centre
Birtley Road
Washington
Tyne & Wear
NE38 9DA
Phone: +44 (0) 845 1550 058
Parts Fax: +44 (0) 1952 607 678

Attention: Parts Department

For your convenience, our electronic on-line ordering system is accessible from the following Internet location:

<http://www.snorkellifts.com>

ANSI and OSHA Compliance

All owners and users of the aerial platform must read, understand and comply with all applicable regulations. Ultimate compliance to OSHA regulations is the responsibility of the user and their employer.

ANSI publications clearly identify the responsibilities of all personnel who may be involved with the aerial platform. A reprint of the "Manual of Responsibilities for Dealers, Owners, Users, Operators, Lessors and Lessees of ANSI/SIA A92.6-2006 Self-Propelled Elevating Work Platforms" is available from Snorkel dealers or from the factory upon request. Copies are also available from:

Scaffold Industry Association, Inc.
P.O. Box 20574
Phoenix, AZ 85036-0574 USA

Manuals

Manuals are available from Snorkel to support any of the machines that we produce.

The specific manuals for MHP1335 aerial platforms are as follows:

MHP1335 Operator's Manual ANSI

Snorkel part number – 13619-1

MHP1335 Repair Parts Manual

Snorkel part number – 14108-2

ANSI Manual of Responsibilities

ANSI/SIA A92.6-2006

Snorkel part number – 0361367

Machine Information

Model Number: _____

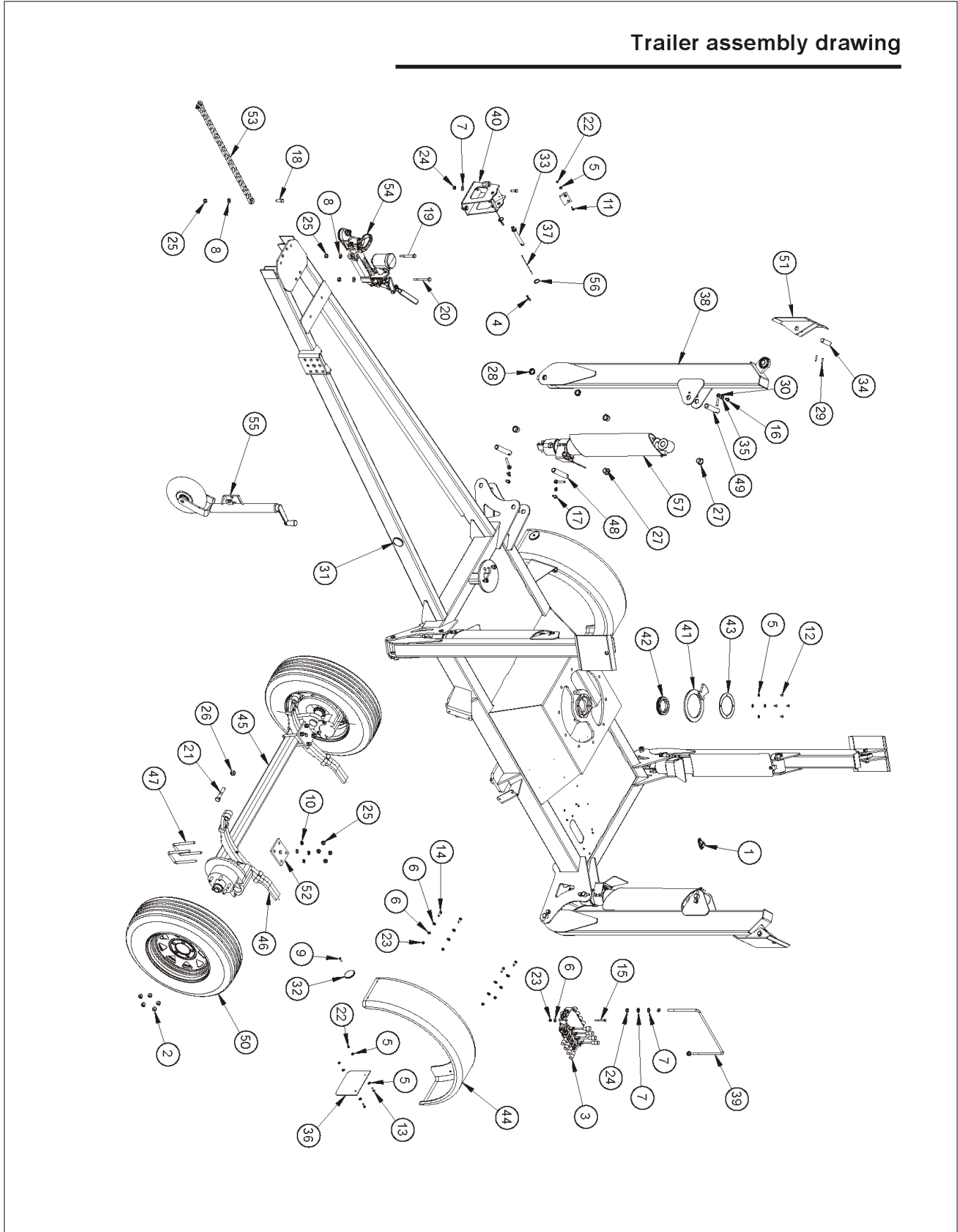
Serial Number: _____

Date of Purchase: _____

Purchased From: _____

Snorkel Dealer or Distributor: _____

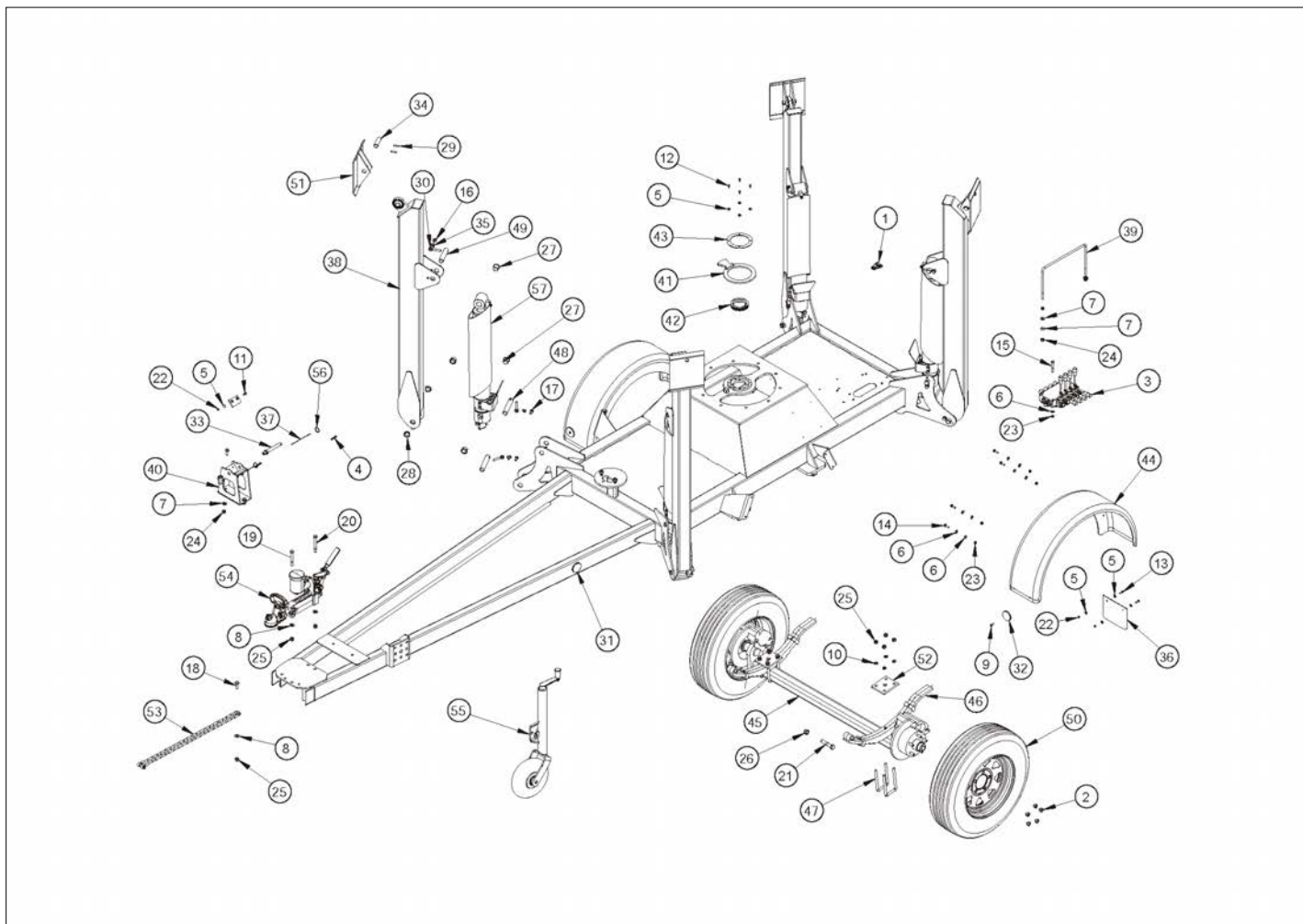
REPAIR PARTS



アイテム	部品番号	名前	数量	UOM
1	1273 2	Level Bubble, T Shape	1	EA
2	1649 041	Wheel Nut 1/2 UNF	12	EA
3	1651	Cassapa Valve	1	EA
4	1771 1	Lynch pin	2	EA
5	3603 06	Plain Washer	22	EA
6	3603 08	Plain Washer	22	EA
7	3603 10	Plain Washer	4	EA
8	3603 12	Plain Washer	5	EA
9	3604 06020	Pan Head Screw	2	EA
10	3605 12	Spring Washer	8	EA
11	3606 06025	Countersunk Socket Head Screw	4	EA
12	3610 06012	Metric Bolt	12	EA
13	3610 06020	Metric Bolt	8	EA
14	3610 08025	Metric Bolt	8	EA
15	3610 08065	Metric Bolt	3	EA
16	3610 10016	Metric Bolt	4	EA
17	3610 10020	Metric Bolt	8	EA
18	3610 12035	Set screw M12 x 35 HT	1	EA
19	3610 12100	Metric Bolt	2	EA
20	3610 12100	Metric Bolt	2	EA
21	3610 16080	Metric Bolt	2	EA
22	3611 06	Metric Nyloc Nut	8	EA
23	3611 08	Metric Nylock Nut	11	EA
24	3611 10	Metric Nyloc Nut	2	EA
25	3611 12	Metric Nyloc Nut	13	EA
26	3611 16	Metric Nyloc Nut	2	EA
27	3626 1	Flanged Permaglride Bush	16	EA
28	3626 5	Flanged Permaglride Bush	8	EA
29	3633 3	Roll Pin	8	EA

アイテム	部品番号	名前	数量	UOM
30	8626	Pin Keeper	12	EA
31	9875 1	Reflector Lens Orange	2	EA
32	9875 2	Reflector Lens White	2	EA
33	11112 3	Boom Lock Pin	1	EA
34	11369	Pin 7/8" x 76mm	4	EA
35	11492 3	Tab Washer	12	EA
36	11585 3	Mud Flap	2	EA
37	12062	Pin Lock Retainer	2	EA
38	13223	Stabiliser Leg Weldment	4	EA
39	12418	Control Guard	1	EA
40	12419	Boom Rest Weldment	1	EA
41	12420	Slew Stop Traveller	1	EA
42	12439	Trim Panel	1	EA
43	12444	Slew Stop Traveller Hold Down	1	EA
44	12475	15" Plastic Mudguard	2	EA
45	12701	Drop Axle and Hub Assembly	1	EA
46	12703 1	7 Leaf Spring, 1750kg / Pair	2	EA
47	12703 3	U Bolt	4	EA
48	12741	Pin	8	EA
49	12742	Pin	4	EA
50	12772	Wheel and Tyre Assembly	2	EA
51	12790	Foot	4	EA
52	12826	Axle Plate	2	EA
53	13388	Chain Assembly	1	EA
54	13676	Tow Coupling	1	EA
55	13908	Jockey Wheel Rubber	1	EA
56	45500 6	Key Ring 32mm	2	EA
57	12336A	Leg Cylinder Assembly	4	EA

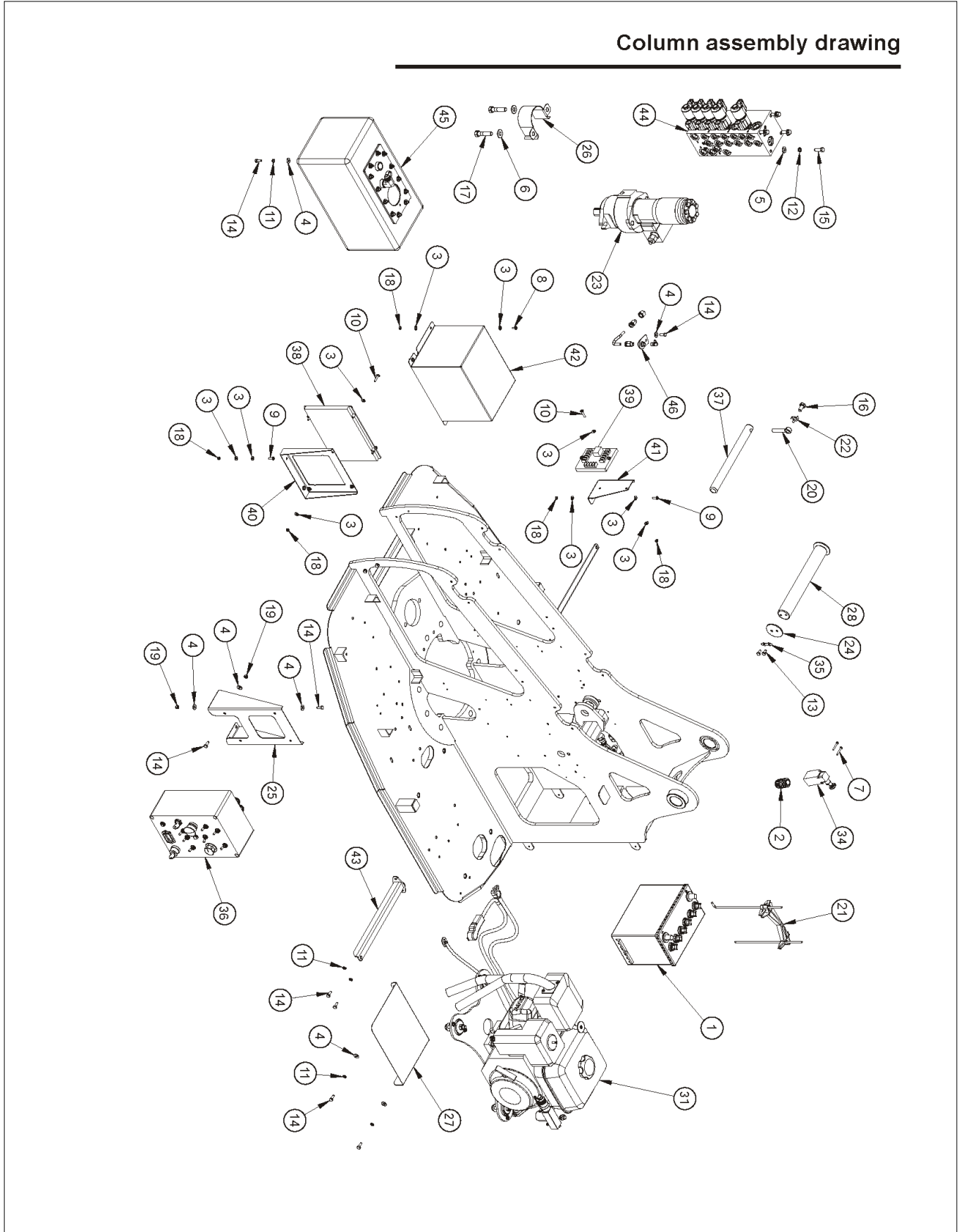
REPAIR PARTS



アイテム	部品番号	名前	数量	UOM
1	1273 2	Level Bubble, T Shape	1	EA
2	1649 041	Wheel Nut 1/2 UNF	12	EA
3	1651	Cassapa Valve	1	EA
4	1771 1	Lynch pin	2	EA
5	3603 06	Plain Washer	22	EA
6	3603 08	Plain Washer	22	EA
7	3603 10	Plain Washer	4	EA
8	3603 12	Plain Washer	5	EA
9	3604 06020	Pan Head Screw	2	EA
10	3605 12	Spring Washer	8	EA
11	3606 06025	Countersunk Socket Head Screw	4	EA
12	3610 06012	Metric Bolt	12	EA
13	3610 06020	Metric Bolt	8	EA
14	3610 08025	Metric Bolt	8	EA
15	3610 08065	Metric Bolt	3	EA
16	3610 10016	Metric Bolt	4	EA
17	3610 10020	Metric Bolt	8	EA
18	3610 12035	Set screw M12 x 35 HT	1	EA
19	3610 12100	Metric Bolt	2	EA
20	3610 12100	Metric Bolt	2	EA
21	3610 16080	Metric Bolt	2	EA
22	3611 06	Metric Nyloc Nut	8	EA
23	3611 08	Metric Nylock Nut	11	EA
24	3611 10	Metric Nyloc Nut	2	EA
25	3611 12	Metric Nyloc Nut	13	EA
26	3611 16	Metric Nyloc Nut	2	EA
27	3626 1	Flanged Permaglide Bush	16	EA
28	3626 5	Flanged Permaglide Bush	8	EA
29	3633 3	Roll Pin	8	EA

アイテム	部品番号	名前	数量	UOM
30	8626	Pin Keeper	12	EA
31	9875 1	Reflector Lens Orange	2	EA
32	9875 2	Reflector Lens White	2	EA
33	11112 3	Boom Lock Pin	1	EA
34	11369	Pin 7/8" x 76mm	4	EA
35	11492 3	Tab Washer	12	EA
36	11585 3	Mud Flap	2	EA
37	12062	Pin Lock Retainer	2	EA
38	14011	Stabiliser Leg Weldment	4	EA
39	12418	Control Guard	1	EA
40	12419	Boom Rest Weldment	1	EA
41	12420	Slew Stop Traveller	1	EA
42	12439	Trim Panel	1	EA
43	12444	Slew Stop Traveller Hold Down	1	EA
44	12475	15" Plastic Mudguard	2	EA
45	12701	Drop Axle and Hub Assembly	1	EA
46	12703 1	7 Leaf Spring, 1750kg / Pair	2	EA
47	12703 3	U Bolt	4	EA
48	12741	Pin	8	EA
49	12742	Pin	4	EA
50	12772	Wheel and Tyre Assembly	2	EA
51	12790	Foot	4	EA
52	12826	Axle Plate	2	EA
53	13388	Chain Assembly	1	EA
54	13676	Tow Coupling	1	EA
55	13908	Jockey Wheel Rubber	1	EA
56	45500 6	Key Ring 32mm	2	EA
57	12336A	Leg Cylinder Assembly	4	EA

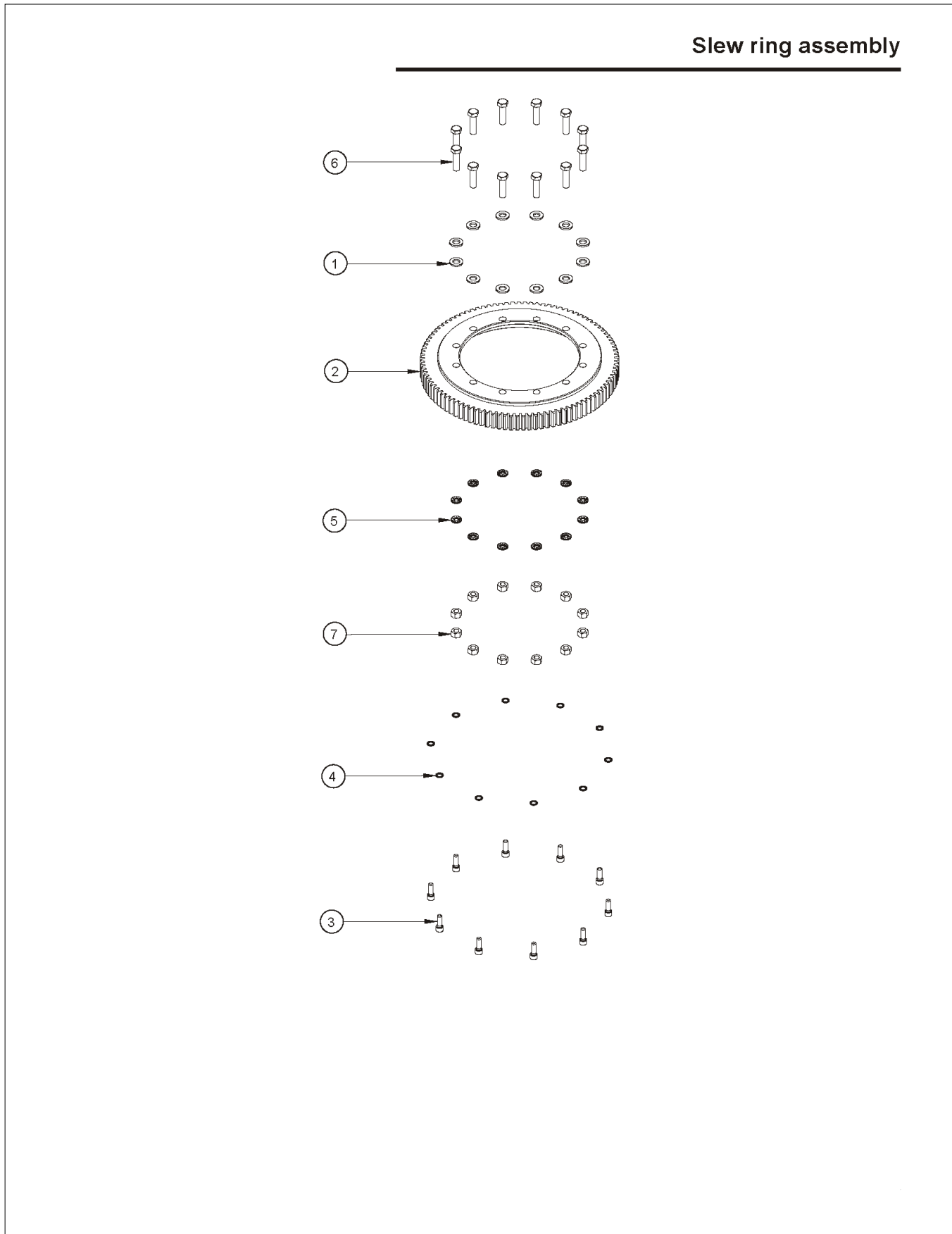
REPAIR PARTS



アイテム	部品番号	名前	数量	UOM
1	1288	Battery G41	1	EA
2	1814	Cable Gland	1	EA
3	3603 05	Plain Washer	28	EA
4	3603 06	Plain Washer	21	EA
5	3603 08	Plain Washer	4	EA
6	3603 12	Plain Washer	2	EA
7	3604 04030	Metric Head Pan Screw	2	EA
8	3604 05012	Pan Head Screw	4	EA
9	3604 05016	Pan Head Screw	4	EA
10	3604 05025	Pan Head Screw	6	EA
11	3605 06	Spring Washer	14	EA
12	3605 08	Spring Washer	4	EA
13	3610 06012	Metric Bolt	6	EA
14	3610 06016	Metric Bolt	21	EA
15	3610 08025	Metric Bolt	4	EA
16	3610 10020	Metric Bolt	1	EA
17	3610 12050	Metric Bolt	2	EA
18	3611 05	Metric Nyloc Nut	14	EA
19	3611 06	Metric Nyloc Nut	8	EA
20	8626	Pin Keeper	1	EA
21	10268 2	Battery Bracket	1	EA
22	11492 3	Tab Washer	1	EA
23	11943	Slew Drive and Brake Assembly	1	EA
24	12239 3	Pin End Cap	2	EA
25	12381 18	Lower Control Box Mount	1	EA
26	12381 25	Pinion Gear Guard	1	EA
27	12381 40	Heat Deflector	1	EA
28	12399	Pin	1	EA
29	12401	Latch Compression	1	EA

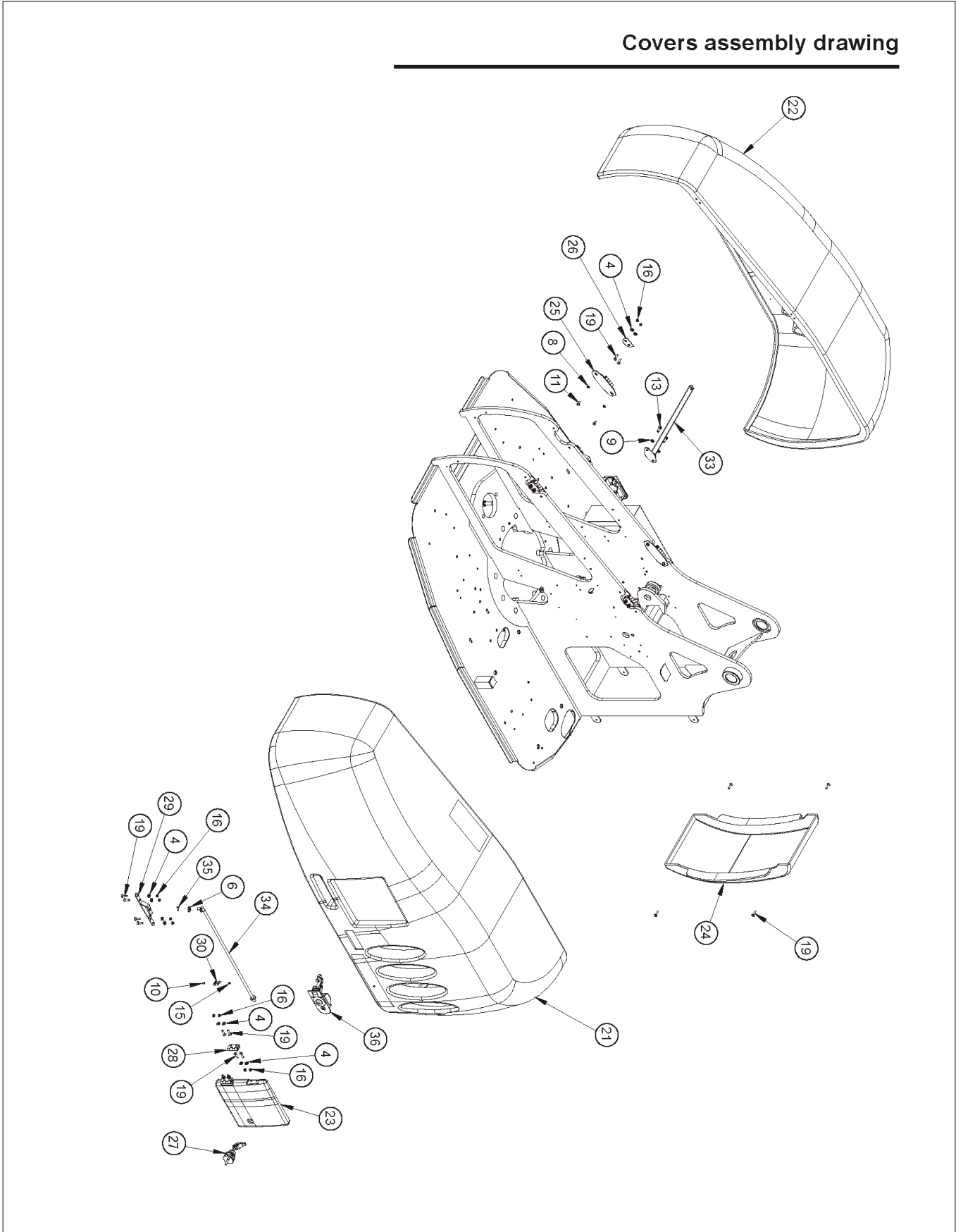
アイテム	部品番号	名前	数量	UOM
30	12403	Butt Hinge SS 76.2 X 38.1mm	2	EA
31	12413	Engine Assembly	1	EA
32	12414 20	Stay Pivot Mount	2	EA
33	12414 5	Cover Stay Weldment	1	EA
34	12445	Micro Switch	1	EA
35	12453	Locktab 40mm Pin	2	EA
36	13573A	Lower Control Box Assembly	1	EA
37	12734	Pin	1	EA
38	13485 01	Trionics GP400C	1	EA
39	3030181	Trionics TBM	1	EA
40	13549	Mount Bracket GP400	1	EA
41	13550	Mount Bracket TBM	1	EA
42	13551	Cover Box Fold	1	EA
43	13632 10	Stay Bracket	2	EA
44	13879 01	Main Manifold	1	EA
45	11430A	Hydraulic Oil Tank	1	EA
46	12483A	Remote Grease Nipple	1	EA

REPAIR PARTS



アイテム	部品番号	名前	数量	UOM
1	1034 120	M16 Galv Hardened & Temp Washer	12	EA
2	1067	Slew Ring	1	EA
3	3613 12035	Socket Head Cap Screw	10	EA
4	3631 12	Disc Lock Washer	10	EA
5	3631 16	Disc Lock Washer	12	EA
6	60020 028N	UNF Hex Bolt	12	EA
7	60021 016	UNF Nut	12	EA

REPAIR PARTS



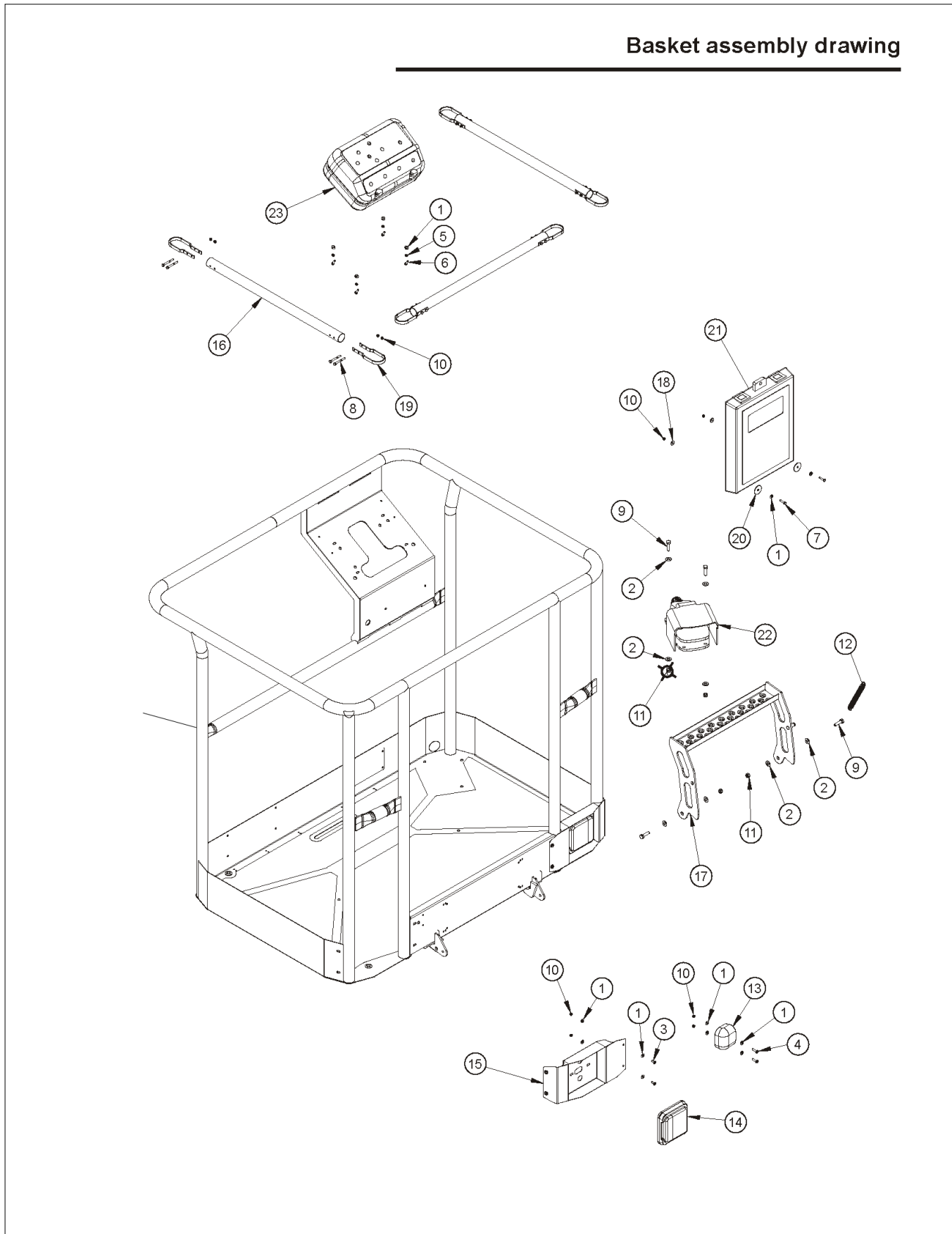
アイテム	部品番号	名前	数量	UOM
1	302 0049	Switch Battery Disconnect	1	EA
2	1067	Slew Ring	1	EA
3	1814	Cable Gland	1	EA
4	3603 05	Plain Washer	24	EA
5	3603 06	Plain Washer	10	EA
6	3603 08	Plain Washer	3	EA
7	3604 04030	Metric Head Pan Screw	2	EA
8	3605 05	Spring Washer	8	EA
9	3605 06	Spring Washer	4	EA
10	3606 03008	Countersunk Sockethead Screw	2	EA
11	3610 05010	Metric Bolt	8	EA
12	3610 06012	Metric Bolt	2	EA
13	3610 06016	Metric Bolt	6	EA
14	3610 06020	Metric Bolt	4	EA
15	3611 03	Metric Nyloc Nut	2	EA
16	3611 05	Metric Nyloc Nut	24	EA
17	3611 06	Metric Nyloc Nut	4	EA
18	3613 12035	Socket Head Cap Screw	10	EA
19	3660 05020	Countersunk Screw	28	EA
20	10268 2	Battery Bracket	1	EA
21	12388 1	Cover Engine	1	EA
22	12388 2	Cover Hydraulic Side	1	EA
23	12388 3	Cover Door	1	EA
24	12388 4	Cover Rear	1	EA
25	12392	Hinge Weldment	4	EA
26	12392 2	Cover Hinge Spacer	4	EA
27	12401	Latch Compression	1	EA
28	12403	Butt Hinge SS 76.2 X 38.1mm	2	EA
29	12414 20	Stay Pivot Mount	2	EA

アイテム	部品番号	名前	数量	UOM
30	12440	Tool Clip	2	EA
31	12445	Micro Switch	1	EA
32	13551 02	Controller Cover Box 230VAC option	1	EA
33	13632 10	Stay Bracket	2	EA
34	13632 20	Cover Stay Weldment	1	EA
35	60038 006	Split Pin	2	EA
36	5510014	Latch Side Cover	2	EA

アイテム	部品番号	名前	数量	UOM
1	1771 1	Lynch pin	1	EA
2	1814	Cable Gland	1	EA
3	3603 06	Plain Washer	4	EA
4	3604 04040	Pan Head Screw	2	EA
5	3606 06020	Countersunk Socket Head Screw	4	EA
6	3606 06025	Countersunk Socket Head Screw	4	EA
7	3610 10020	Metric Bolt	8	EA
8	3611 04	Metric Nyloc Nut	2	EA
9	3611 06	Metric Nyloc Nut	4	EA
10	3626 1	Flanged Permaglride Bush	2	EA
11	3626 10	Flanged Permaglride Bush	2	EA
12	3626 13	Flanged Permaglride Bush	2	EA
13	3626 5	Flanged Permaglride Bush	12	EA
14	3626 6	Bush	8	EA
15	3626 9	Flanged Permaglride Bush	2	EA
16	8628	PIN KEEPER 6MM PLATED	8	EA
17	11112 10	Pin Assembly, Boom Rest	1	EA
18	11143 2	Wear Pad	2	EA
19	11492 3	Tab Washer	8	EA
20	12062	Pin Lock Retainer	2	EA
21	12333	Upper Lift Cylinder	1	EA
22	12372	Lower Boom Weldment	1	EA
23	12372 17	Wear Pad, Boom Rest	1	EA
24	12373	Floating Turrent Weldment	1	EA
25	12374	Upper Level Rod	1	EA
26	12375	Lower Level Rod	2	EA
27	12383	Quadrant Jib/Upper Boom Weld	1	EA
28	12736	Pin	2	EA
29	12445 1	Limit Switch Roller/Lever, Adjustable	1	EA

アイテム	部品番号	名前	数量	UOM
30	12735	Pin	2	EA
31	12737	Pin	1	EA
32	12738	Pin	1	EA
33	12739	Pin	1	EA
34	12740	Pin	1	EA
35	45500 6	Key Ring 32mm	2	EA

REPAIR PARTS

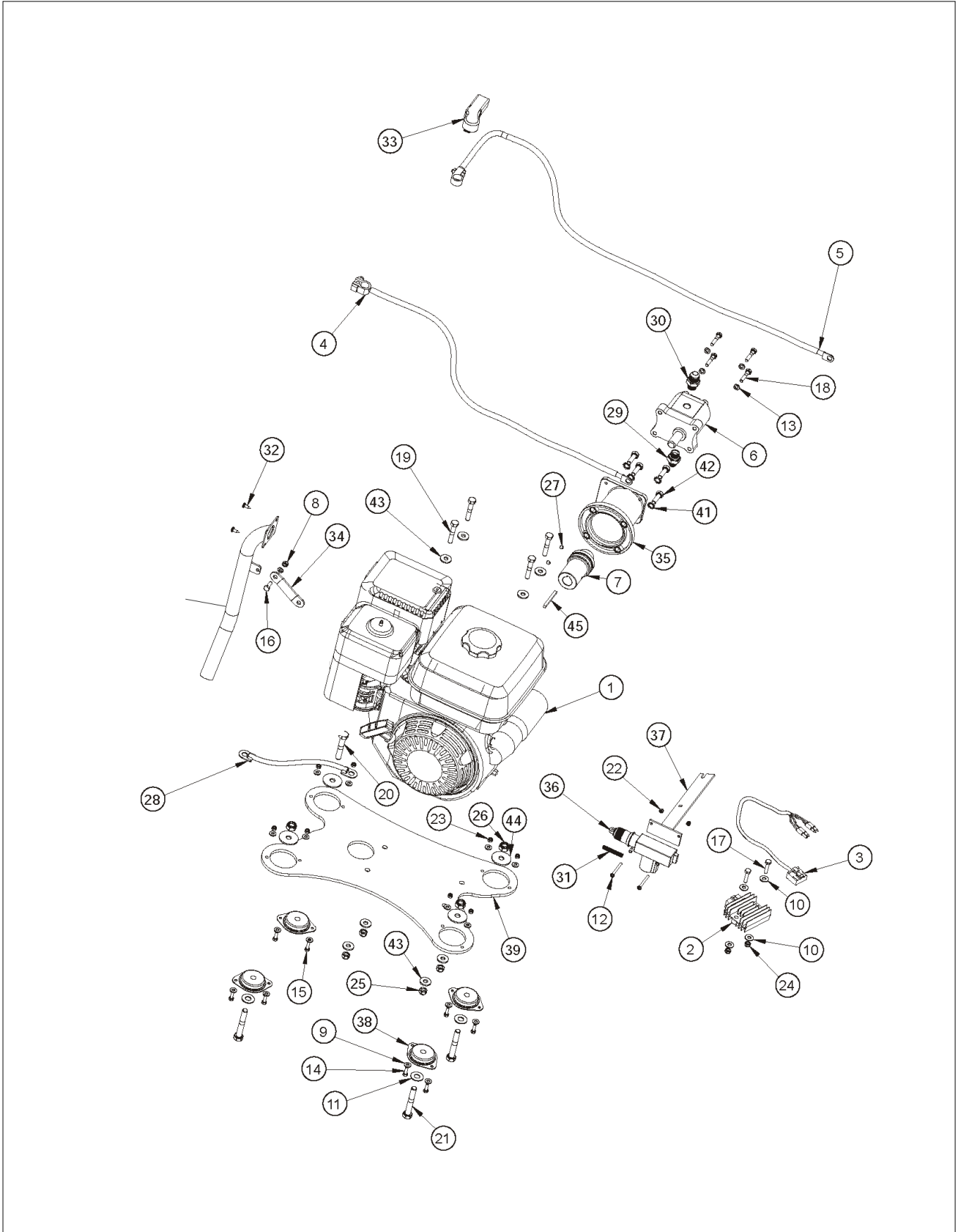


アイテム	部品番号	名前	数量	UOM
1	3603 05	Plain Washer	26	EA
2	3603 08	Plain Washer	9	EA
3	3604 05012	Pan Head Screw	8	EA
4	3604 05020	Pan Head Screw	2	EA
5	3605 05	Spring Washer	4	EA
6	3610 05016	Metric Bolt	4	EA
7	3610 05020	Metric Bolt	2	EA
8	3610 05045	Metric Bolt	12	EA
9	3610 08030	Metric Bolt	4	EA
10	3611 05	Metric Nyloc Nut	24	EA
11	3611 08	Metric Nylock Nut	4	EA
12	11429 34	Spring	1	EA
13	12386 2	License Plate Lamp LED	1	EA
14	13056 4	Trailer Light Combination	2	EA
15	13484 18	Recessed Light Guard	2	EA
16	13484 22	Drop Bar 610 Long	3	EA
17	13514	Folding Step Weld	1	EA
18	13525 05	Washer, M5	2	EA
19	058523 000	U Bracket	6	EA
20	60030 198	1/4" Fender Washer	2	EA
21	562386	Literature Compartment	1	EA
22	3020021	Foot Switch	1	EA
23	13488A	Upper Control Box Assembly	1	EA
24	13484	Basket Weld	1	EA

アイテム	部品番号	名前	数量	UOM
1	12833 4	Serial Number Plate, NZ/AUS Machines	1	EA
2	12814	Decal, Hydraulic Oil (On Hydraulic Oil Tank)	1	EA
3	302950	Decal, Hydraulic Oil Level (On Hydraulic Oil Tank)	1	EA
6	13030	DECAL ELECTROCUTION HAZARD	1	EA
7	511067 000	Decal, www.snorkellifts.com	2	EA
8	562426	Decal, Operators Manual Enclosed	1	EA
9	0083426	Decal, Lifting and Tie Down	4	EA
10	13903 01	Decal, MHP1335	2	EA
11	9213	DECAL PETROL	1	EA
12	300699	Decal, Operators Checklist	1	EA
13	302559	Decal, Danger Pinch Point	2	EA
14	032 3897	Decal, Must not Operate	1	EA
15	476706	Decal, Explosive Fumes (Outside Cabinet Door & Fuel Tank)	1	EA
16	13573 02	Decal, Lower Control Box	1	EA
17	032 3896	Decal, Electrocution Hazard	2	EA
18	015 0602	Decal, Danger Keep Clear Of Descending Boom	4	EA
19	45198 6	Decal, Limit Switch Sign	6	EA
20	12448	Decal, Outrigger Control	1	EA
21	501453 000	Decal, Foot Crush Hazard	4	EA
22	7856 65	Decal, Tyre Pressure	2	EA
23	12423 227	Decal, Dual Rated Load 227KG	1	EA
24	99228 1	DECAL SAFETY HARNESS	1	EA
25	1772 002 K	DECAL 1772 BOOM LOCK KIT LABEL	2	EA
26	007 2531	Decal, Electrocution Hazard	1	EA

アイテム	部品番号	名前	数量	UOM
27	0150448	DECAL ATTACH FALL RESTRAINT	1	EA
28	12545	DECAL AUTO STAB OPERATION	1	EA
29	621486	Decal, Forklift	4	EA
31	12617	DECAL MHP LIFTING PROCEDURE	1	EA
33	11948	Decal, Battery Service Instructions	1	EA
34	11944	Decal, DC Motor Isolate Switch	1	EA
35	007 2531	Decal, Electrocutation Hazard	1	EA
36	45198 7	DECAL WIND SPEED RATING	1	EA
37	13183	DECAL WARNING, UNHOOK TRAILER	1	EA
38	0080650	DECAL LIFT	1	EA
39	13708 02	Decal, Emergency Descent	4	EA

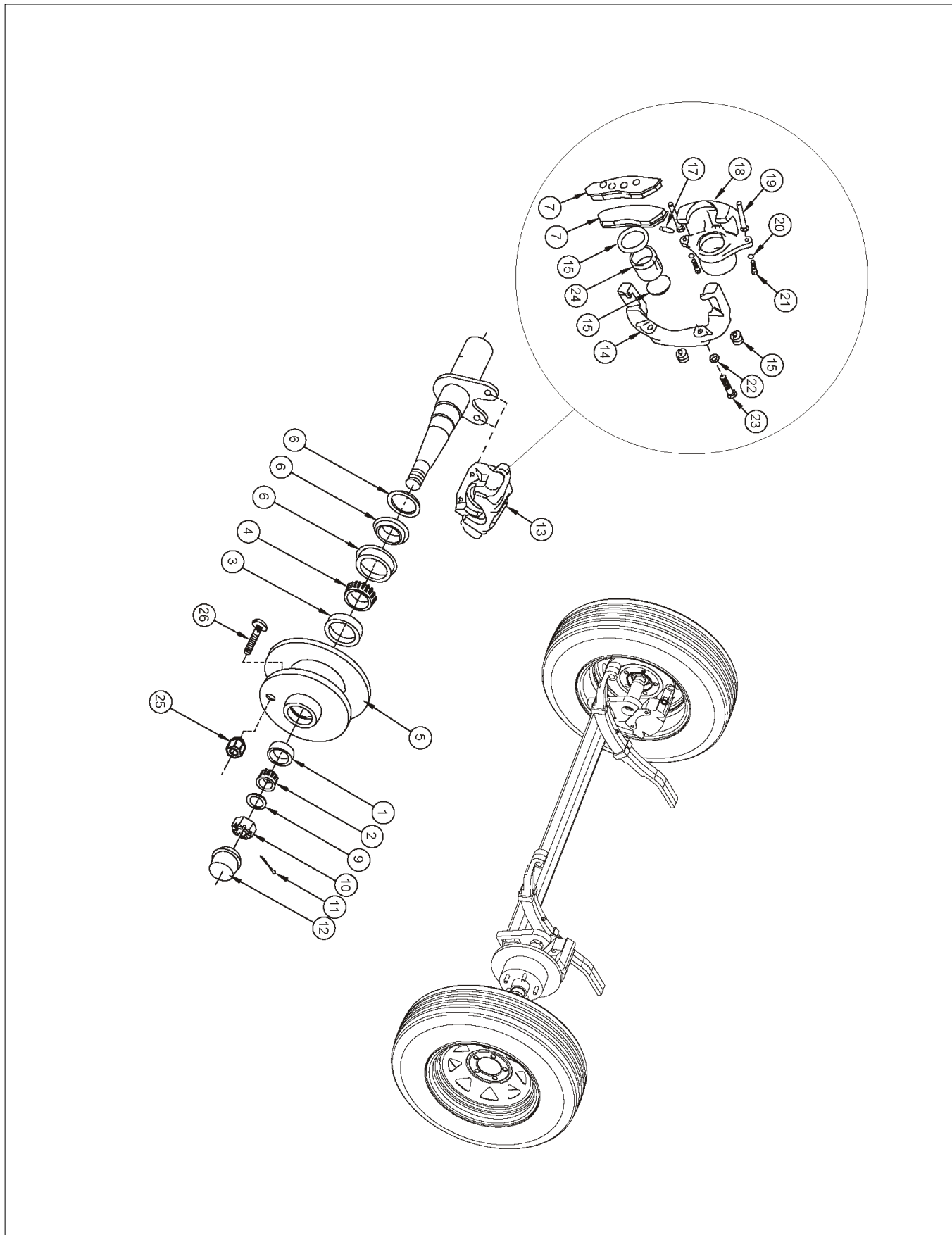
REPAIR PARTS



アイテム	部品番号	名前	数量	UOM
1	1171 4	Honda GX160	1	EA
2	1171 4 022	Regulator / Rectifier GX160	1	EA
3	1171 4 025	Loom, Honda Rectifier	1	EA
4	1650 030	Hamel Cable BS24C	1	EA
5	1650 031	Hamel Cable BS24C	1	EA
6	1659	Pump 2cc	1	EA
7	1880	Drive Coupling	1	EA
8	3602 06	Metric Hex Nut	1	EA
9	3603 05	Plain Washer	16	EA
10	3603 06	Plain Washer	4	EA
11	3603 10	Plain Washer	3	EA
12	3604 04040	Pan Head Screw	2	EA
13	3605 06	Spring Washer	5	EA
14	3610 05016	Metric Bolt	7	EA
15	3610 05020	Metric Bolt	1	EA
16	3610 06016	Metric Bolt	1	EA
17	3610 06025	Metric Bolt	2	EA
18	3613 06020	Socket Head Cap Screw	4	EA
19	3610 08045	Metric Bolt	4	EA
20	3610 10055	Metric Bolt	1	EA
21	3610 10065	Metric Bolt	3	EA
22	3611 04	Metric Nyloc Nut	2	EA
23	3611 05	Metric Nyloc Nut	8	EA
24	3611 06	Metric Nyloc Nut	2	EA
25	3611 08	Metric Nylock Nut	4	EA
26	3611 10	Metric Nyloc Nut	3	EA
27	3612 06006	Metric Grub Screw	2	EA
28	3649 10	Battery Cable	1	EA
29	7013 003	Adapter BSPPM (Dowty) x JICM Straight 3/8" 9/16"	1	EA

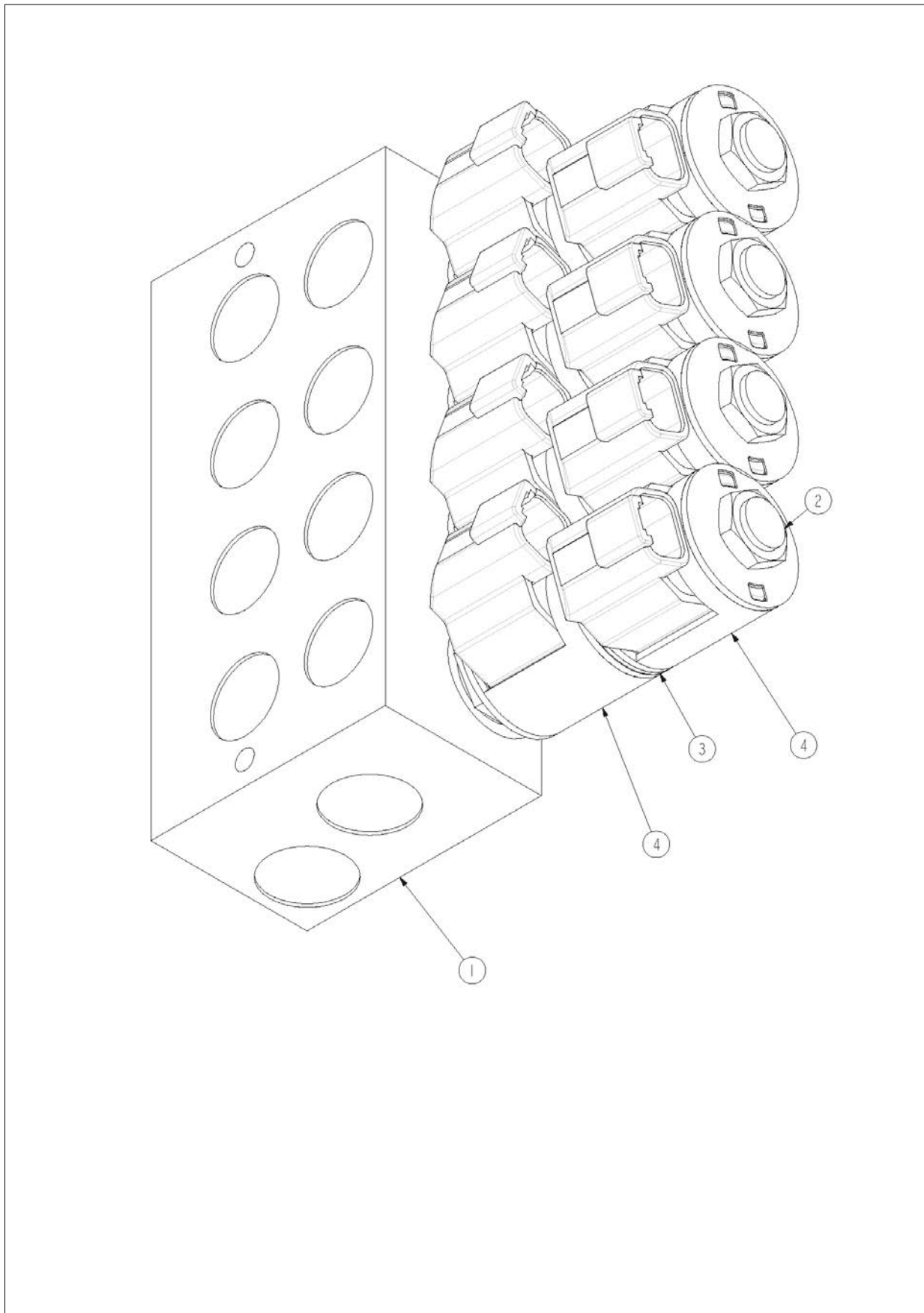
アイテム	部品番号	名前	数量	UOM
30	7013 004	Adapter BSPPM (Dowty) x JICM Straight 3/8" 3 4"	1	EA
31	8398	Spring C 235	1	EA
32	8978 1	Screw Self Tapping	2	EA
33	10254	Cover Battery Terminal HA 206U	1	EA
34	10350 4	Exhaust Bracket	1	EA
35	10417	Bellhousing	1	EA
36	11444	Choke Solenoid 12V	1	EA
37	11497	Choke Solenoid Bracket	1	EA
38	12524	Engine Mount	4	EA
39	12526	Engine mount plate	1	EA
40	12407	Exhaust Weldment	1	EA
41	60005 054	5/16" Ext. Lockwasher	4	EA
42	60016 090N	3/4" x 1/4" NC Bolt (Plated)	4	EA
43	60030 3N	5/16" Flat Washer	8	EA
44	5560179	Flat Washer Special	4	EA
45	1875	Key steel	1	EA

REPAIR PARTS



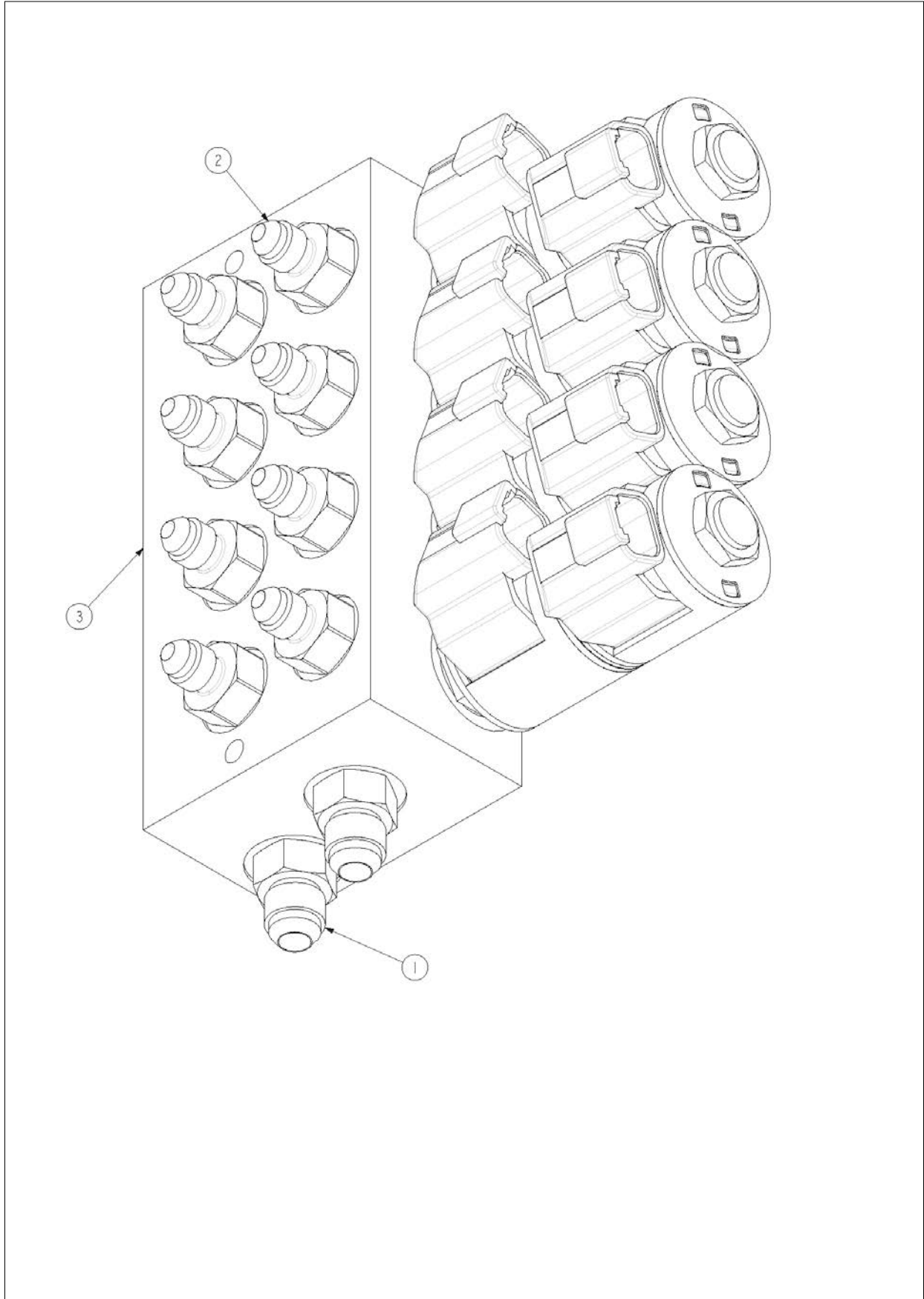
アイテム	部品番号	名前	数量	UOM
1	12701 10	Wheel bearing kit (includes 1, 2, 3, 4)	2	EA
2	12701 10	Wheel bearing kit (includes 1, 2, 3, 4)	Ref	EA
3	12701 10	Wheel bearing kit (includes 1, 2, 3, 4)	Ref	EA
4	12701 10	Wheel bearing kit (includes 1, 2, 3, 4)	Ref	EA
5	12701 1	Wheel hub	1	EA
6	12701 4	Seal kit, hub	2	EA
7	2045 004	Brake pads	1 Pair	EA
9	1033 008	Nut kit (includes 10, 11)	2	EA
10	1033 008	Nut kit (includes 10, 11)	Ref	EA
11	1033 008	Nut kit (includes 10, 11)	Ref	EA
12	9922 7	Grease cap	2	EA
13	2045 001	Caliper assembly (includes items 14 - 24)	Ref	EA
14	9945 9	Anchor plate	2	EA
15	2045K	Seal kit, caliper	Ref	EA
17	2045 003	Bleed screw	2	EA
18	2045 13	Housing	2	EA
19	2045 5	Guide pin	4	EA
20	3605 08	Spring Washer	4	EA
21	3610 08030	Metric Bolt	4	EA
22	60005 013	Lockwasher	2	EA
23	3610 12035	Set screw M12 x 35 HT	2	EA
24	2045 010	Piston	2	EA
25	1649 041	Wheel Nut 1/2 UNF	10	EA

HYDRAULICS



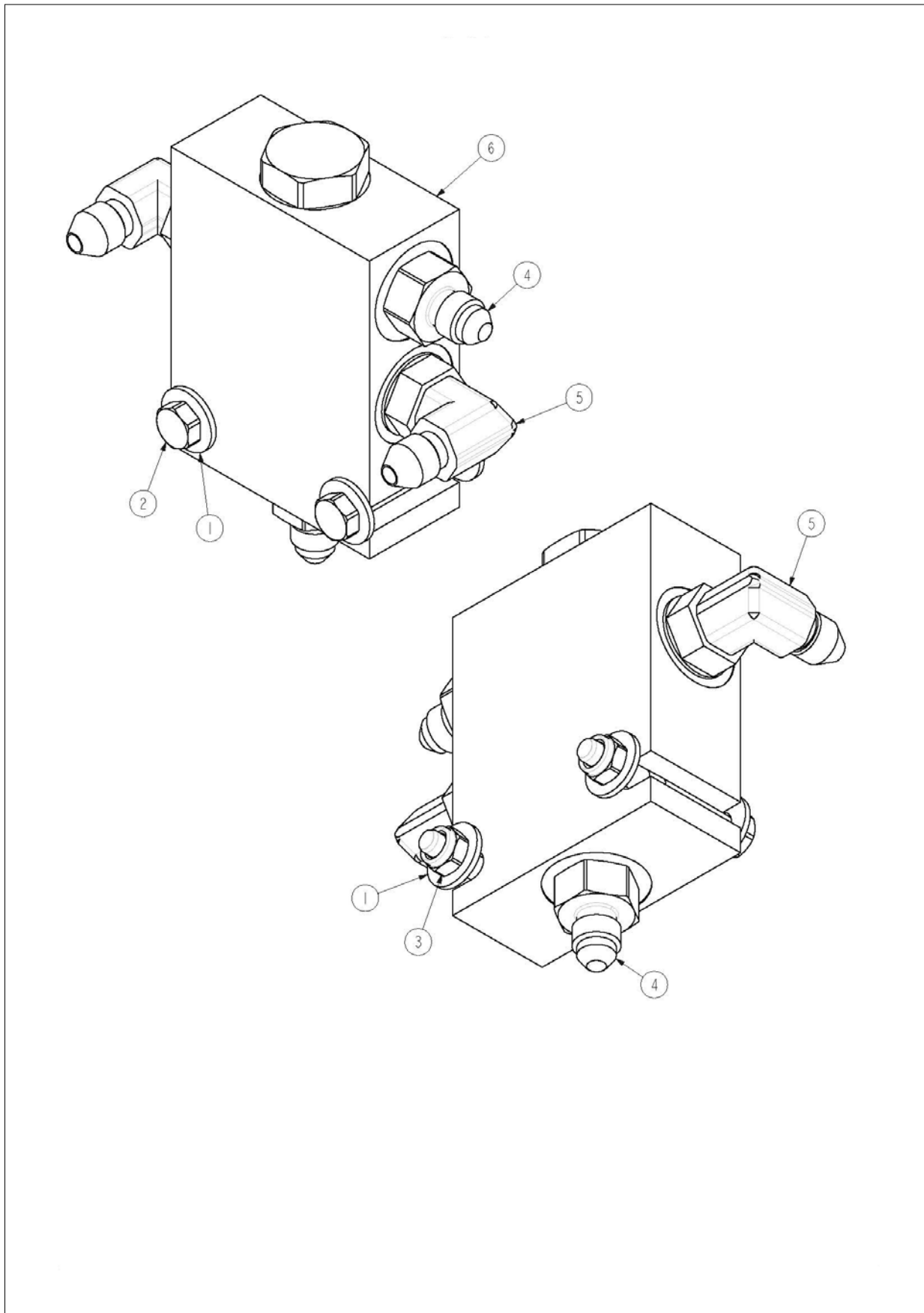
アイテム	部品番号	名前	数量	UOM
1	11921	Auto Stabiliser , Block	1	EA
2	12568 1	Cartridge, Solenoid Spool, 4 Way, 3 Posn Closed Center	4	EA
3	13881 08	Coil Spacer 08	4	EA
4	6019180	Coil 08 12V Deutsch DT Connector	8	EA

HYDRAULICS



アイテム	部品番号	名前	数量	UOM
1	7025 001	Adapter JICM UNO Straight 9/16" 9/16"	2	EA
2	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	8	EA
3	11921	Auto Stabiliser , Block	1	EA

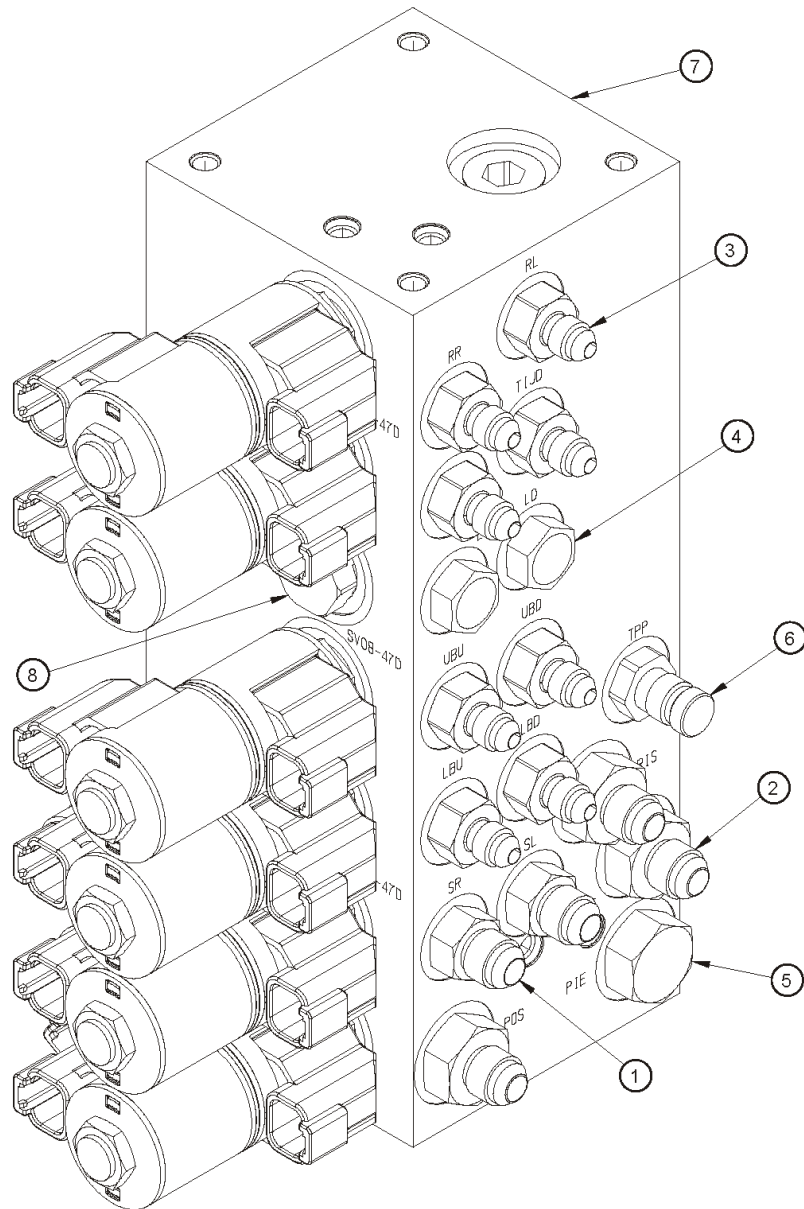
HYDRAULICS



アイテム	部品番号	名前	数量	UOM
1	3603 06	Plain Washer	4	EA
2	3610 06045	Metric Bolt	2	EA
3	3611 06	Metric Nyloc Nut	2	EA
4	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	2	EA
5	7031 002	JIC M x UN O Ring M Elbow	2	EA
6	15068	Dual Pilot Operated Check Manifold	1	EA

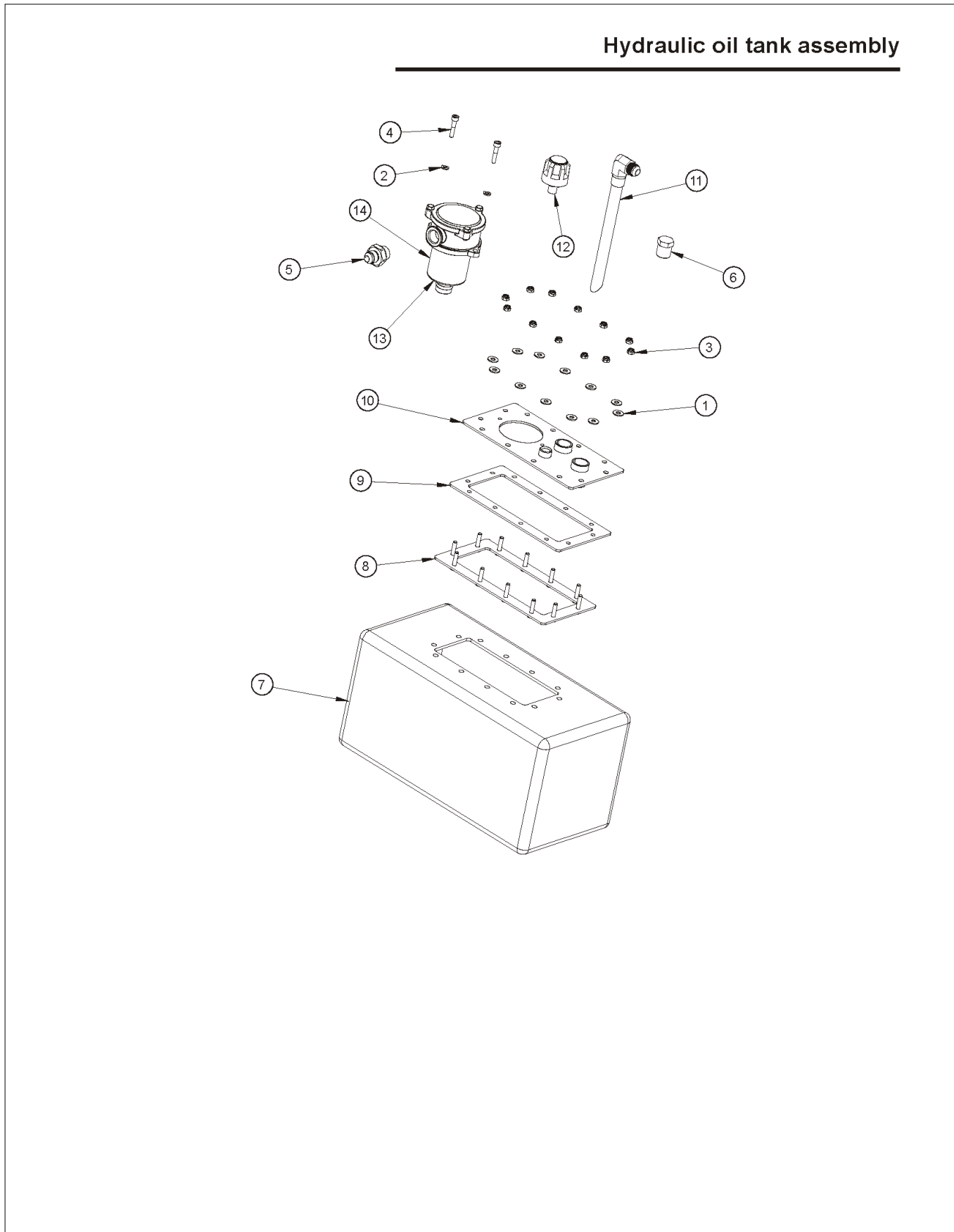
HYDRAULICS

Main control valve assembly



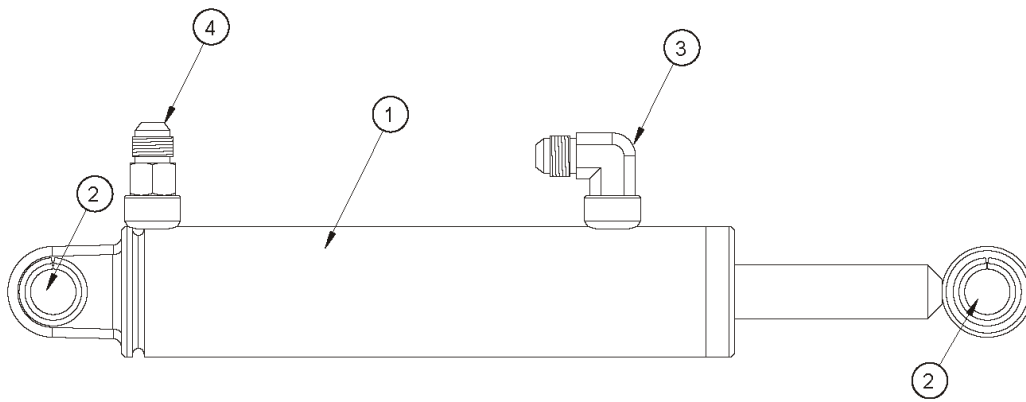
アイテム	部品番号	名前	数量	UOM
1	7025 001	Adapter JICM UNO Straight 9/16" 9/16"	2	EA
2	7025 004	Adapter JICM UNO Straight 9/16" 3/4"	4	EA
3	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	8	EA
4	7035 001	Hyd Plug SAE 06 (9/16" Thread)	2	EA
5	7035 002	Hyd Plug SAE 08 (3/4 Thread)	2	EA
6	10996 2	Test Point UNO, 9/16	1	EA
7	13879 01	Main Manifold	1	EA
8	13880 0840	Cavity Plug 08, 4 Way, Closed	1	EA

HYDRAULICS



アイテム	部品番号	名前	数量	UOM
0	11430A	Hydraulic Oil Tank	1	EA
1	3603 06	Plain Washer	12	EA
2	3605 06	Spring Washer	2	EA
3	3611 06	Metric Nyloc Nut	12	EA
4	3613 06030	Socket Head Cap Screw	2	EA
5	7013 002	BSPP (DOWTY) X JICM NIPPLE	1	EA
6	7034 004	0.5" BSPTM Plug	1	EA
7	11430 10	Oil Tank Molded	1	EA
8	11430 11	Base Plate Weldment	1	EA
9	11430 15	Gasket	1	EA
10	11430 23	Top Tank Plate Weldment	1	EA
11	11430 7	Suction Pipe Weldment	1	EA
12	11487	Filter Breather	1	EA
13	11488 10	Tank Top Filter	1	EA
14	11488 10 1	Filter Element	1	EA

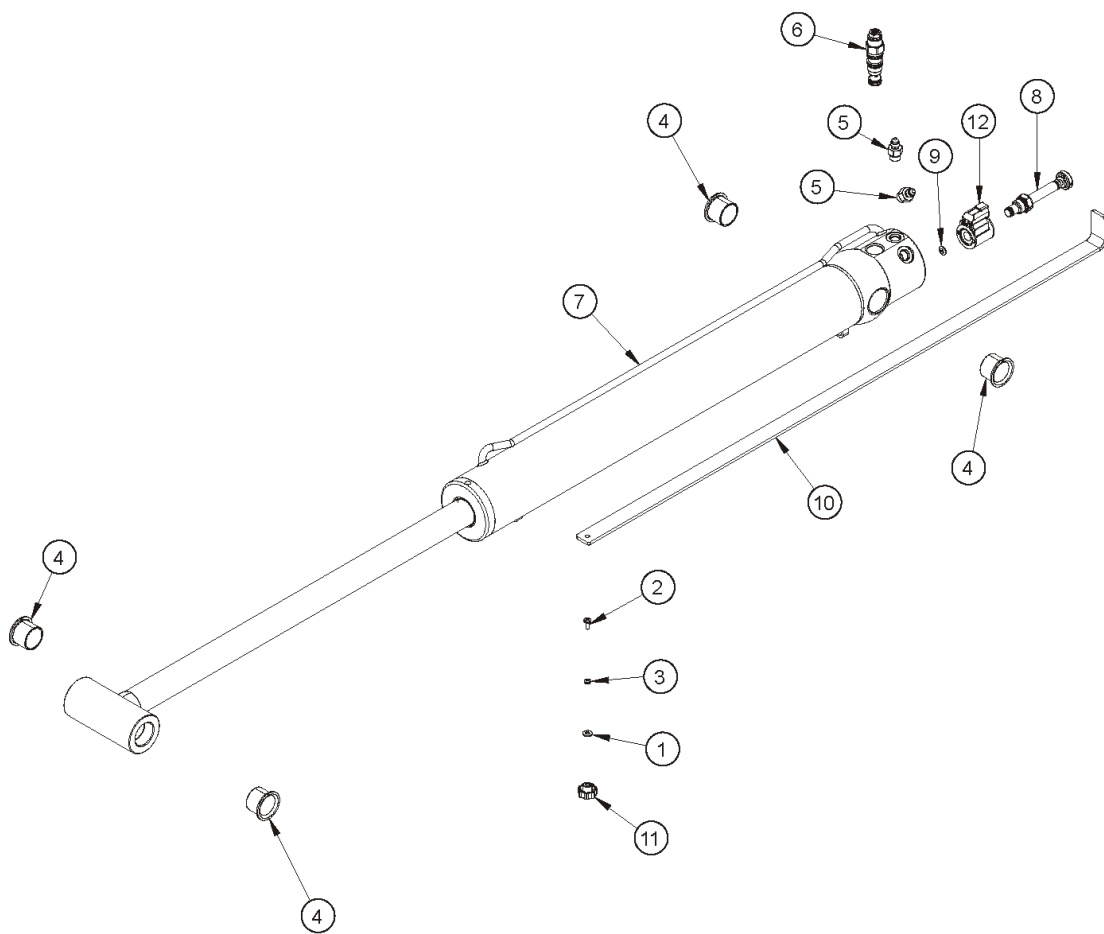
HYDRAULICS



アイテム	部品番号	名前	数量	UOM
0	12330A	Rotator Cylinder	1	EA
1	12330	CYLINDER	1	EA
2	3626 3	Flanged permaglride bush	2	EA
3	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	1	EA
4	7031 002	JIC M x UN O Ring M Elbow	1	EA
5	12330K	SEAL KIT	1	EA

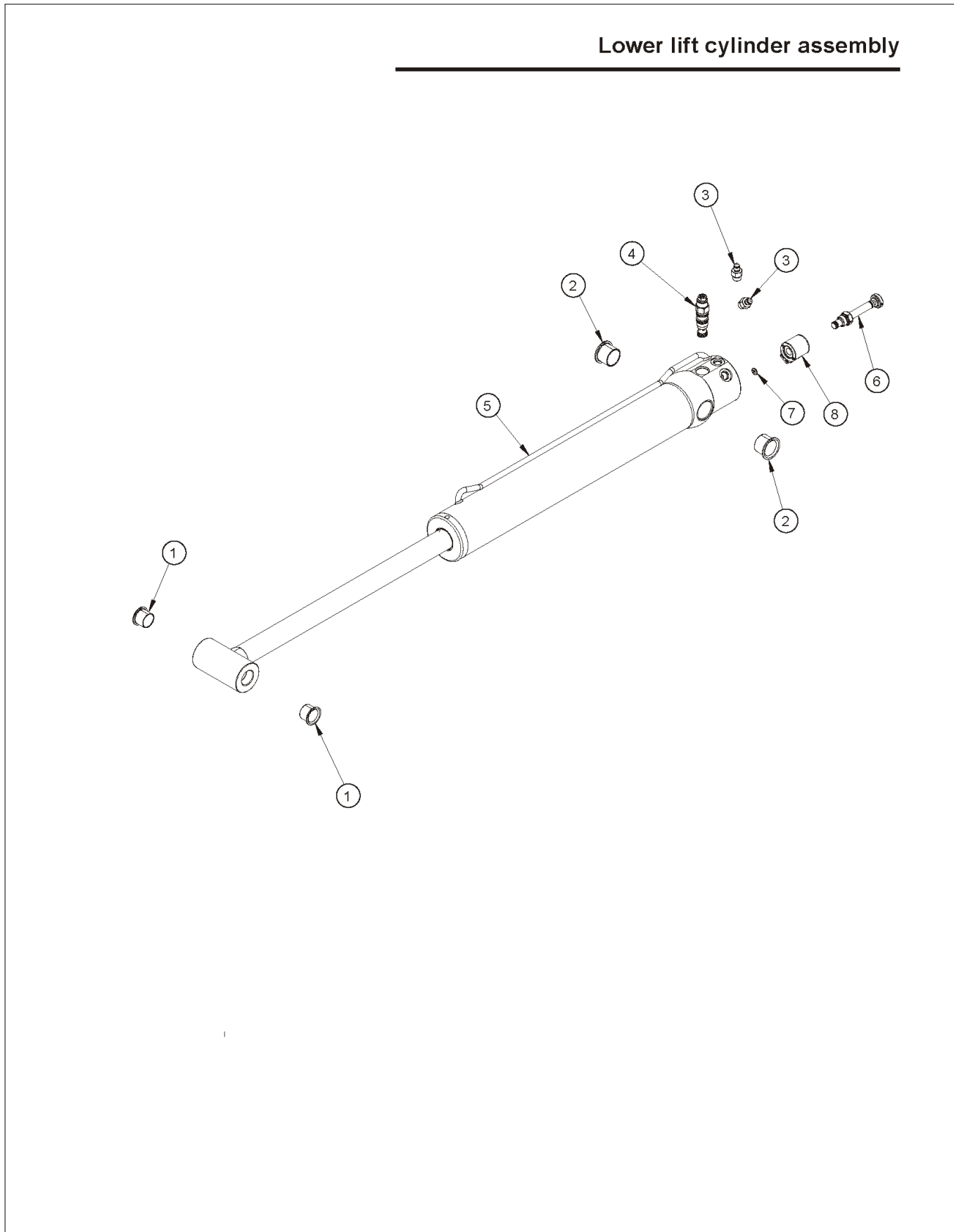
HYDRAULICS

Upper lift cylinder assembly



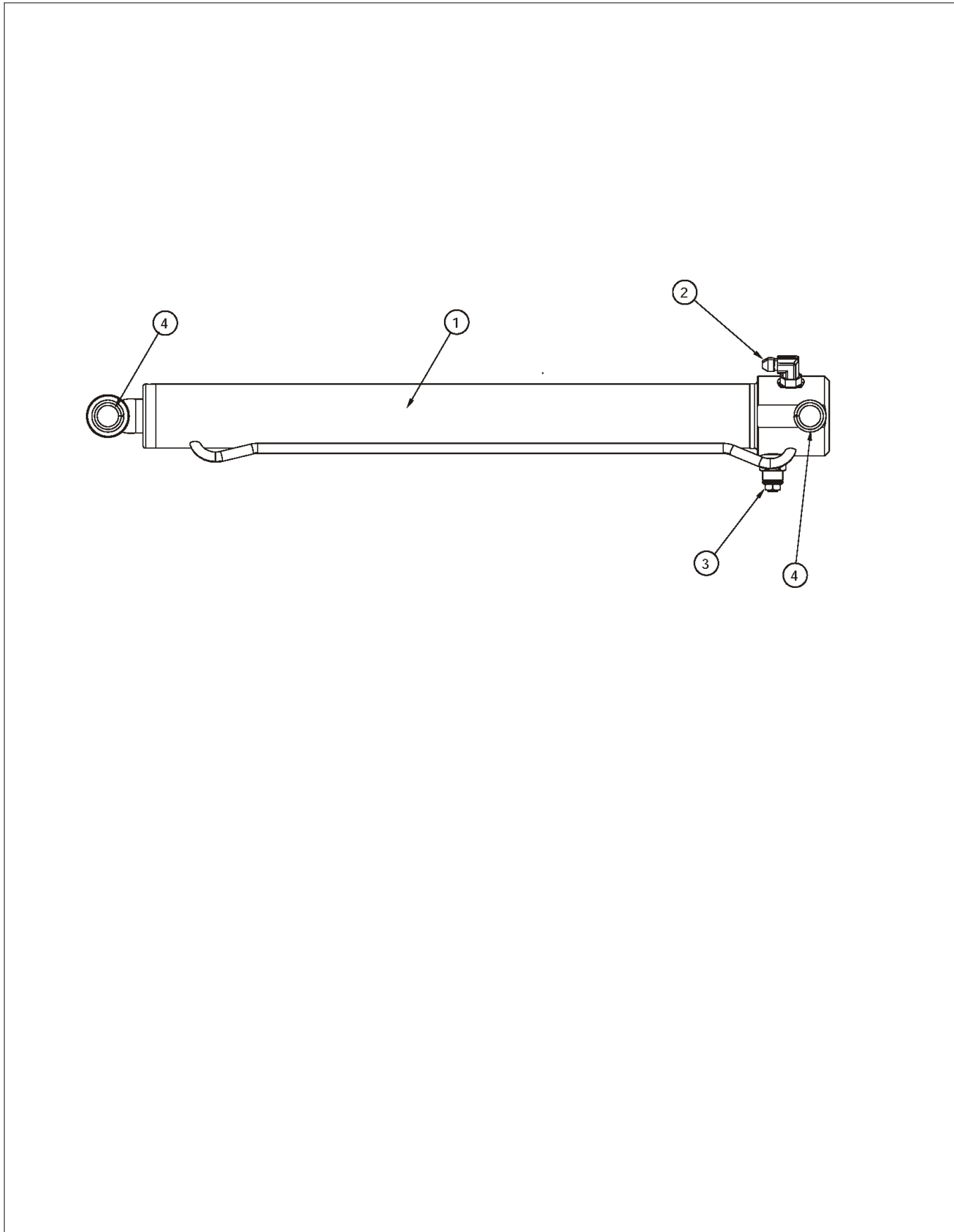
アイテム	部品番号	名前	数量	UOM
0	13689A	Upper Lift Cylinder	1	EA
1	3603 05	Plain Washer	1	EA
2	3604 05012	Pan Head Screw	1	EA
3	3605 05	Spring Washer	1	EA
4	3626 6	Bush	4	EA
5	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	2	EA
6	10856 1	Counterbalance Cartridge CBBA	1	EA
7	13689	Upper Lift Cylinder	1	EA
8	13709	Cartridge	1	EA
9	13729	Orific Disc	1	EA
10	13845	Bleed Down Lever	1	EA
11	13846	Knob, Star M5 Black	1	EA
12	6019180	Coil 08 12V Deutsch DT Connector	1	EA

HYDRAULICS



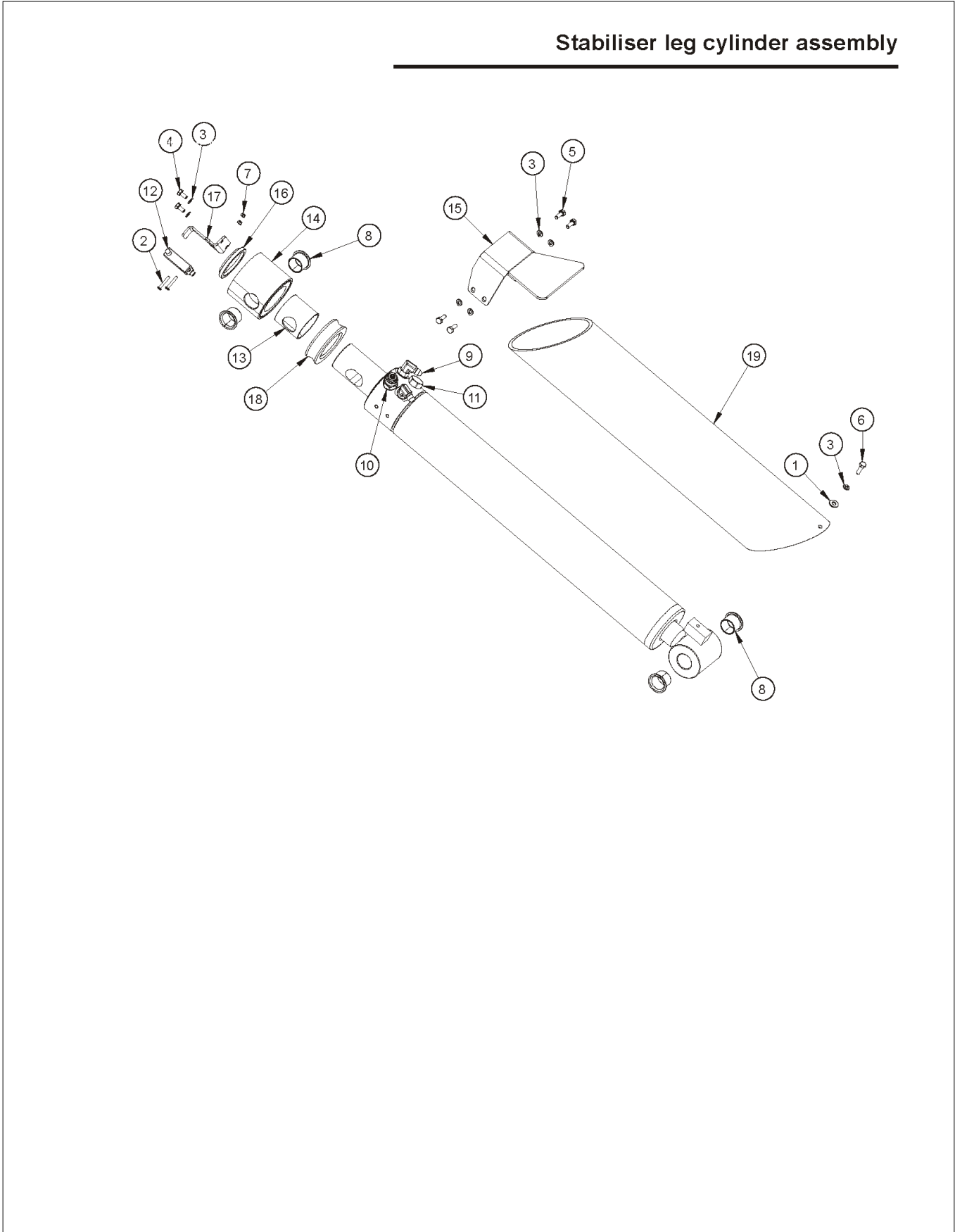
アイテム	部品番号	名前	数量	UOM
1	3626 1	Flanged Permaglide Bush	2	EA
2	3626 6	Bush	2	EA
3	7025 013	Adapter JICM UNO Straight 7/16" 9/16"	2	EA
4	10856 1	Counterbalance Cartridge CBBA	1	EA
5	13690	Lower Lift Cylinder	1	EA
6	13709	Cartridge	1	EA
7	13729	Orific Disc	1	EA
8	6019180	Coil 08 12V Deutsch DT Connector	1	EA

HYDRAULICS



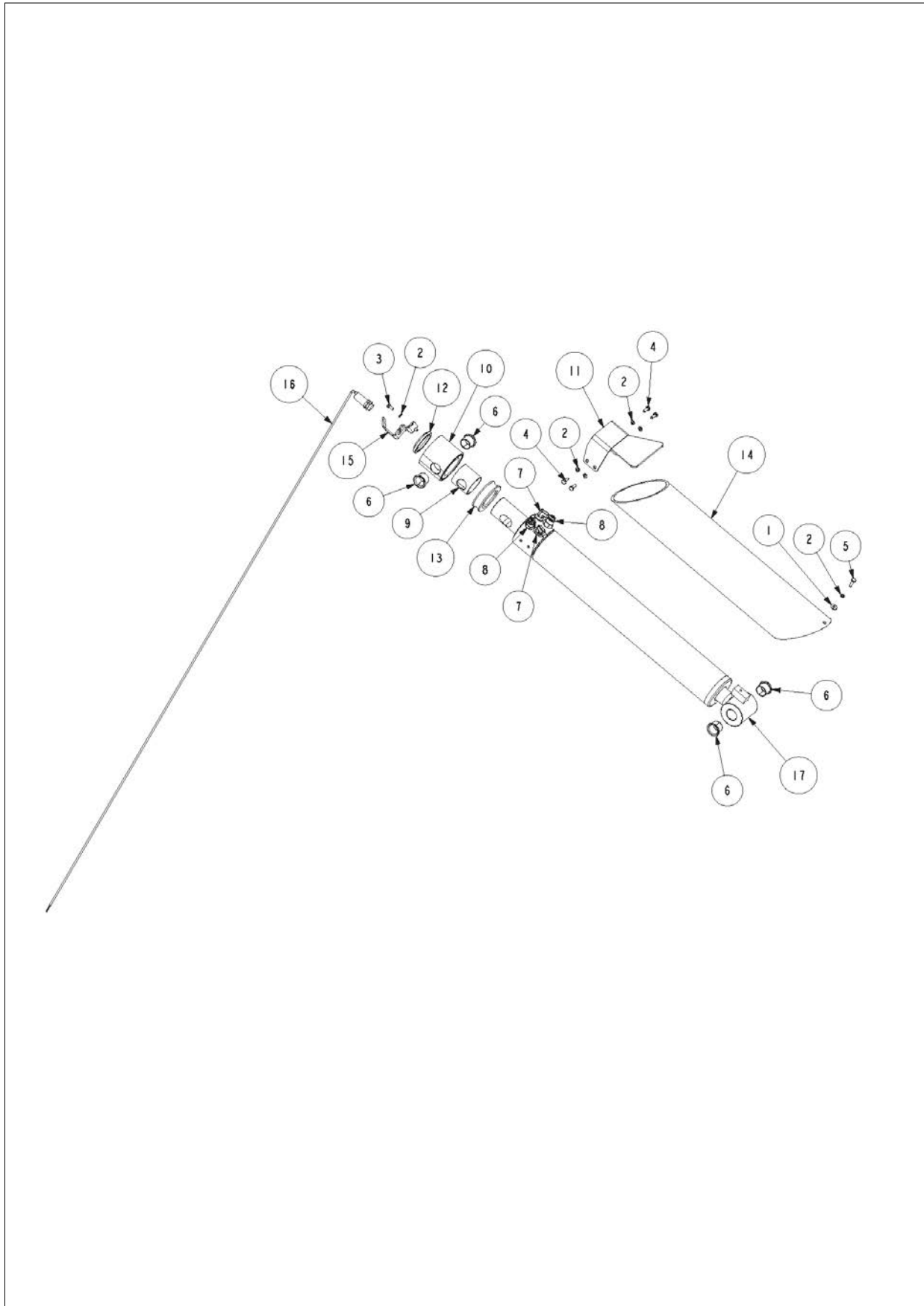
アイテム	部品番号	名前	数量	UOM
1	12332	Flyboom Cylinder	1	EA
2	7031 002	JIC M x UN O Ring M Elbow	2	EA
3	10856 1	Counterbalance Cartridge CBBA	1	EA
4	3626 10	Flanged Permaglide Bush	4	EA
5	12332K	Seal Kit (Not Shown)	1	EA

HYDRAULICS



アイテム	部品番号	名前	数量	UOM
1	3603 06	Plain Washer	1	EA
2	3604 04025	Pan Head Screw	2	EA
3	3605 06	Spring Washer	7	EA
4	3610 06012	Metric Bolt	2	EA
5	3610 06016	Metric Bolt	4	EA
6	3610 06020	Metric Bolt	1	EA
7	3611 04	Metric Nyloc Nut	2	EA
8	3626 1	Flanged Permaglide Bush	4	EA
9	7031 002	JIC M x UN O Ring M Elbow	2	EA
10	10286 3	Counterbalance Cartridge	1	EA
11	10286 4	Check Cartridge CKCD	1	EA
12	12336 10	Limit Switch	1	EA
13	12336 11	Sliding Bush	1	EA
14	12336 2	Cylinder Base	1	EA
15	12336 20	Valve Guard	1	EA
16	12336 3	Wiper Seal	1	EA
17	12336 4	Switch Mount	1	EA
18	12336 7	Rubber Spring	1	EA
19	12425	Leg Cylinder Guard	1	EA

HYDRAULICS



アイテム	部品番号	名前	数量	UOM
1	3603 06	Plain Washer	1	EA
2	3605 06	Spring Washer	7	EA
3	3610 06012	Metric Bolt	2	EA
4	3610 06016	Metric Bolt	4	EA
5	3610 06020	Metric Bolt	1	EA
6	3626 1	Flanged Permaglide Bush	4	EA
7	7031 002	JIC M x UN O Ring M Elbow	2	EA
8	10286 3	Counterbalance Cartridge	2	EA
9	12336 11	Sliding Bush	1	EA
10	12336 2	Cylinder Base	1	EA
11	12336 20	Valve Guard	1	EA
12	12336 3	Wiper Seal	1	EA
13	12336 7	Rubber Spring	1	EA
14	12425	Leg Cylinder Guard	1	EA
15	13938	Switch Mount MHP Leg	1	EA
16	15048	Inductive Prox NO	1	EA
17	12336A ROD	Cylinder Rod	1	EA

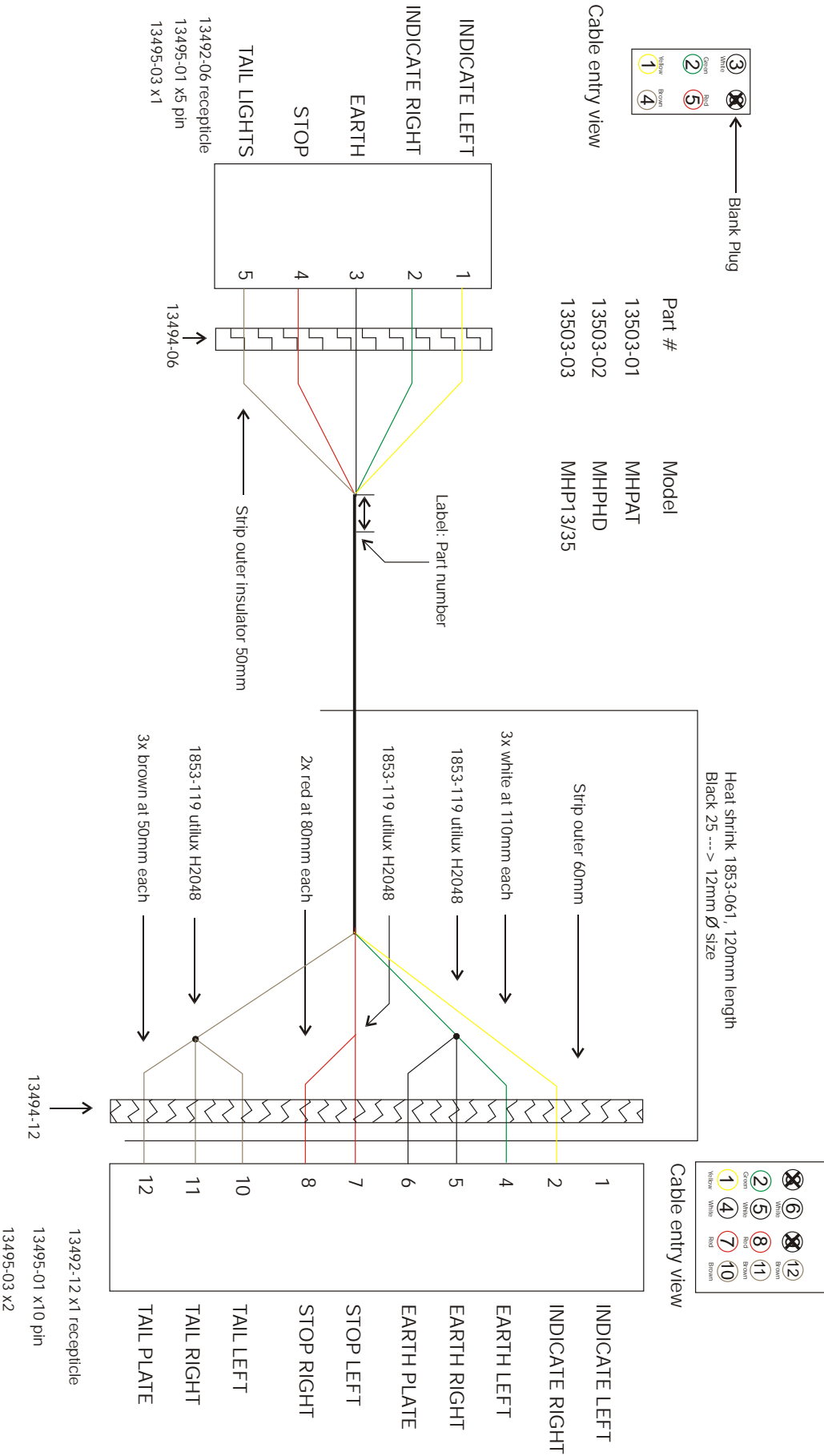
Loom List, V3 Machines

Part No	Description
14079-01	Loom, Foot Switch
13527	Loom, Honda Engine
13527-03	Loom, Engine to GP400
13552-04	Loom, 12V Supply to CTRL SYS
13529-02	Loom, Leg Switches to GP400
13532-03	Loom, Trailer Lights, Trailer
13581-01	Loom, Auto Stabiliser Ctrl Box
13560-04	Loom, Auto Stabiliser Ctrl Box to GP400
13900-01	Loom, Auto Stabiliser Ctrl Box to Manifold
13573-03	Loom, Lower Ctrl Box
13533-01	Loom, Leg Switches to GP400
13882-02	Loom, GP400 to Main Manifold
13930-01	Loom, EZCal Extention
13625-10	Loom, TBM + Connections, Red
13625-20	Loom, TBM - Connections, Black
13503-03	Loom, Trailer Lights, Boom
13507-03	Loom, Boom Ctrl
13554-02	Loom, Upper Boom Switch
13899-02	Loom, Bleed Down
13487-2	Loom, Upper Ctrl Box

Loom List, V4 Machines

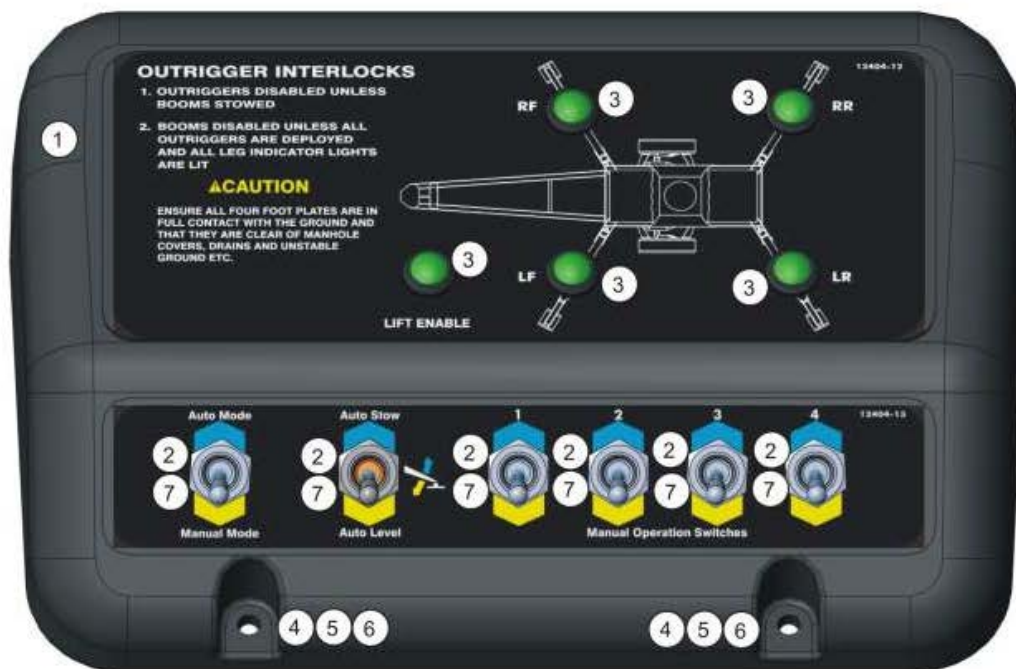
Part No	Description
14079-01	Loom, Foot Switch
13527	Loom, Honda Engine
13527-03	Loom, Engine to GP400
13532-03	Loom, Trailer Lights, Trailer
13581-01	Loom, Auto Stabiliser Ctrl Box
13900-03	Loom, Auto Stabiliser Ctrl Box to Manifold
13560-06	Loom, Auto Stabiliser Ctrl Box to GP400
13529-02	Loom, Leg Switches to GP400
13573-03	Loom, Lower Ctrl Box
13554-03	Loom, Lower Boom Switch
13533-01	Loom, Leg Switch to GP400
13882-02	Loom, GP400 to Main Manifold
13930-01	Loom, EZCAL Extension
13625-10	Loom, TBM + Connections, Red
13625-20	Loom, TBM - Connections, Black
13503-03	Loom, Trailer Lights, Boom
13507-03	Loom, Boom Ctrl
13554-02	Loom, Upper Boom Switch
13899-02	Loom, Bleed Down
13487-2	Loom, Upper Ctrl Box

Wiring diagram for LED tail lights



ELECTRICAL

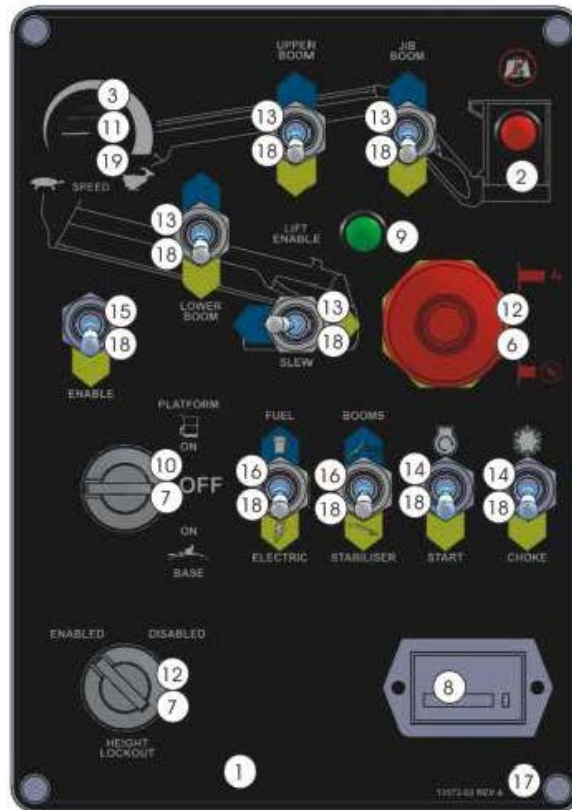
Auto stabiliser control box assembly



アイテム	部品番号	名前	数量	UOM
0	13581	Control Box Auto Stabiliser	1	EA
1	12404	Control Box Auto Stabiliser	1	EA
2	302 0016	SWITCH TOGGLE SPDT (M/OFF/M)	5	EA
3	12536 3	LED Green, 12V M12	5	EA
4	3604 05020	Pan Head Screw	2	EA
5	3605 05	Spring Washer	2	EA
6	3603 06	Plain Washer	2	EA
7	12515	M12 Rubber Washer	5	EA
9	1815 1	Cable Gland (Not Shown)	1	EA
10	12416	Hinge (Not Shown)	1	EA
11	12408	Rubber Seal (Not Shown)	1	EA
12	13485 02	Trionics Matrix	1	EA

ELECTRICAL

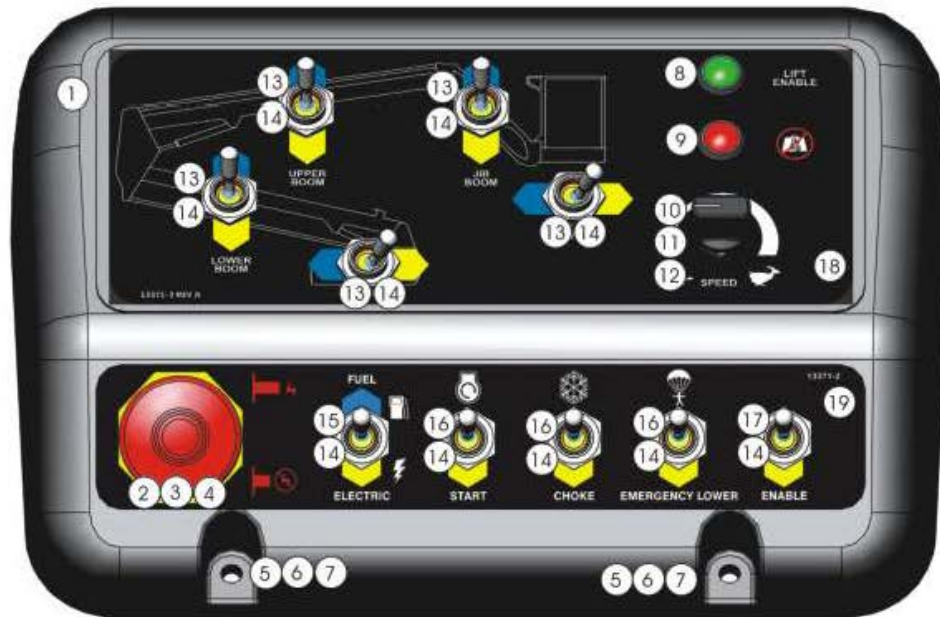
Lower control box assembly



アイテム	部品番号	名前	数量	UOM
0	13573A	Lower Control Box Assembly	1	EA
1	12521	Control Box Enclosure	1	EA
2	12536 4	LED Red, 12V M12	1	EA
3	13489 1	Knob, Pointer Style 1/4" Shaft	1	EA
4	1814	Cable Gland	3	EA
5	1815	Compression Gland 25mm	1	EA
6	9775	Stop Head Switch	1	EA
7	10744	Key Switch, 2 Position	1	EA
8	455186	HOUR METER	1	EA
9	12536 3	LED Green, 12V M12	1	EA
10	13456	Key Switch, 3 Position	1	EA
11	13489	Rheostat	1	EA
12	9776	MOUNTING BASE, CE ONLY	2	EA
13	302 0018	Switch, toggle, DPDT, (M/OFF/M)	4	EA
14	302 0015	Switch Toggle SPST (ON/OFF)	2	EA
15	302 0018	Switch, toggle, DPDT, (M/OFF/M)	1	EA
16	302 0097	Switch toggle DPDT (ON/OFF)	2	EA
17	13573 02	Decal, Lower Control Box	1	EA
18	12515	M12 Rubber Washer	9	EA
19	12516	M10 Rubber Washer	1	EA

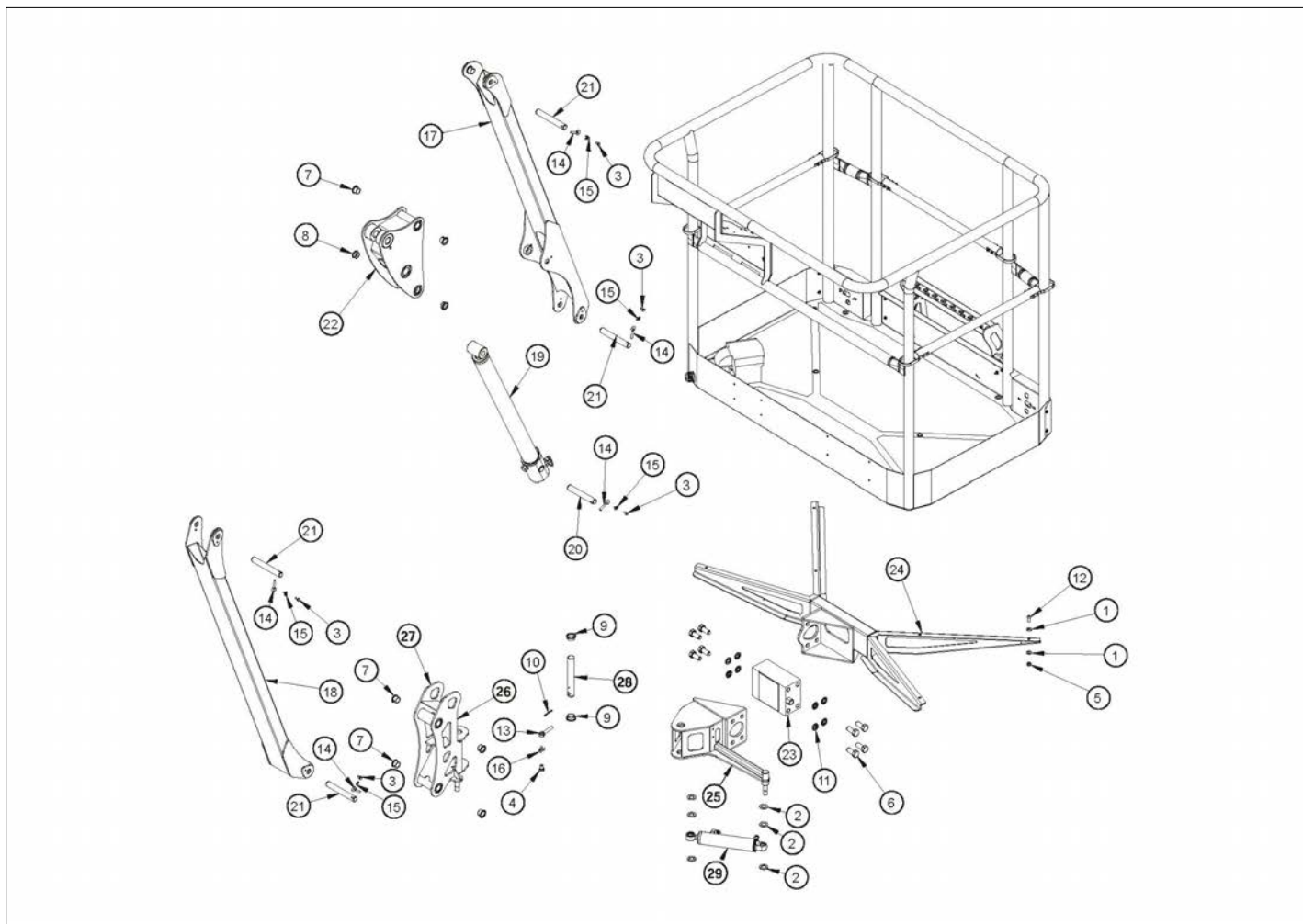
ELECTRICAL

Upper control box assembly



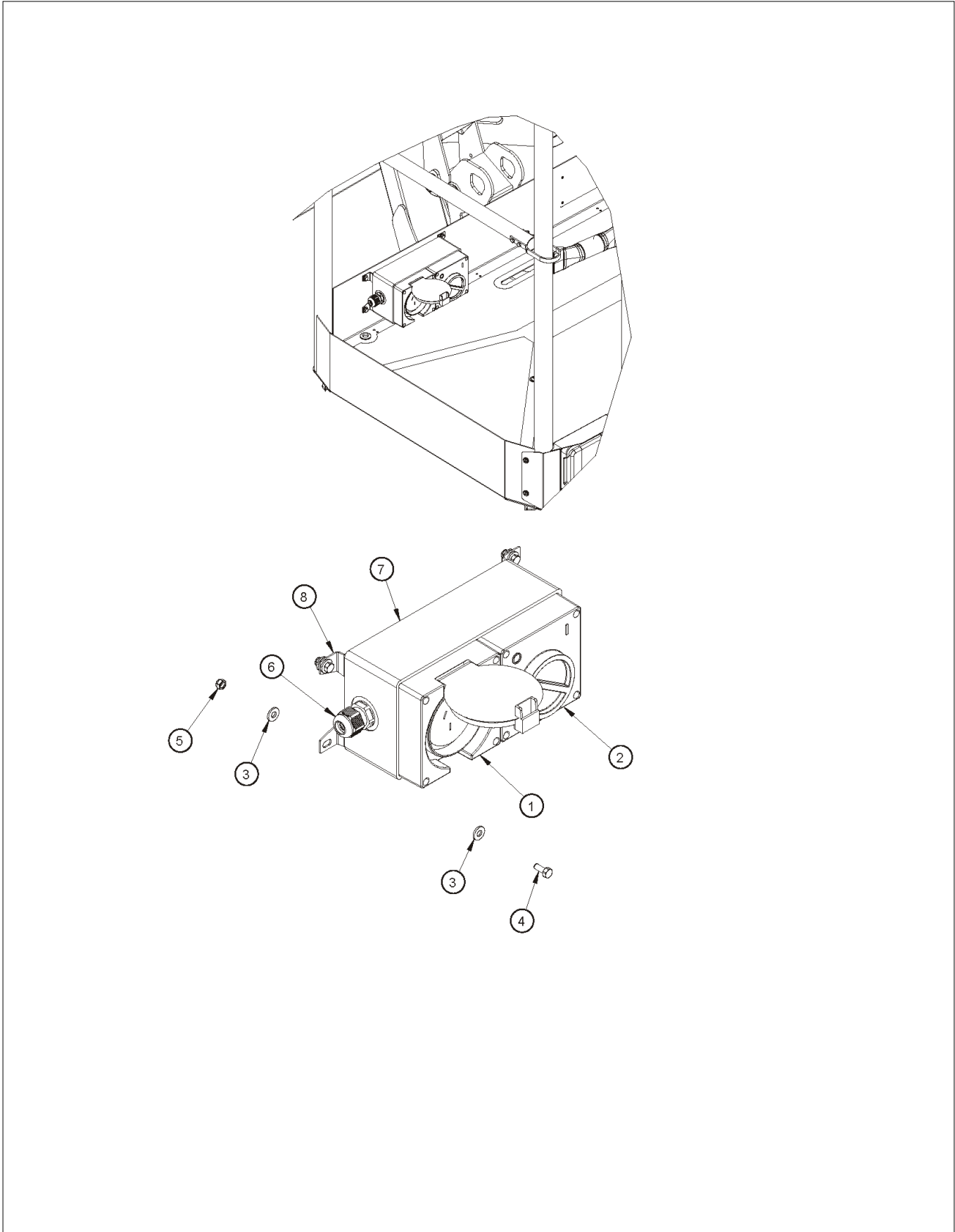
アイテム	部品番号	名前	数量	UOM
0	13488A	Upper Control Box Assembly	1	EA
1	13488	Control Box	1	EA
2	9775	Stop Head Switch	1	EA
3	13380	Collar	1	EA
4	10118	Contact, NC Telemac ZBE 102	1	EA
5	3604 05020	Pan Head Screw	2	EA
6	3605 05	Spring Washer	2	EA
7	3603 06	Plain Washer	2	EA
8	12536 3	LED Green, 12V M12	1	EA
9	12536 4	LED Red, 12V M12	1	EA
10	13489 1	Knob, Pointer Style 1/4" Shaft	1	EA
11	13489	Rheostat	1	EA
12	12516	M10 Rubber Washer	1	EA
13	302 0018	Switch, toggle, DPDT, (M/OFF/M)	5	EA
14	12515	M12 Rubber Washer	10	EA
15	302 0097	Switch toggle DPDT (ON/OFF)	1	EA
16	302 0015	Switch Toggle SPST (ON/OFF)	3	EA
17	3020081	SW TGL DPDT (M/ON) SEALED	1	EA
18	1815 1	Cable Gland (Not Shown)	1	EA
19	12416	Hinge (Not Shown)	1	EA
20	12408	Rubber Seal (Not Shown)	1	EA
21	13371 3	Decal upper control box, large	1	EA
22	13371 2	Decal Upper Control Box Small	1	EA

OPTIONS



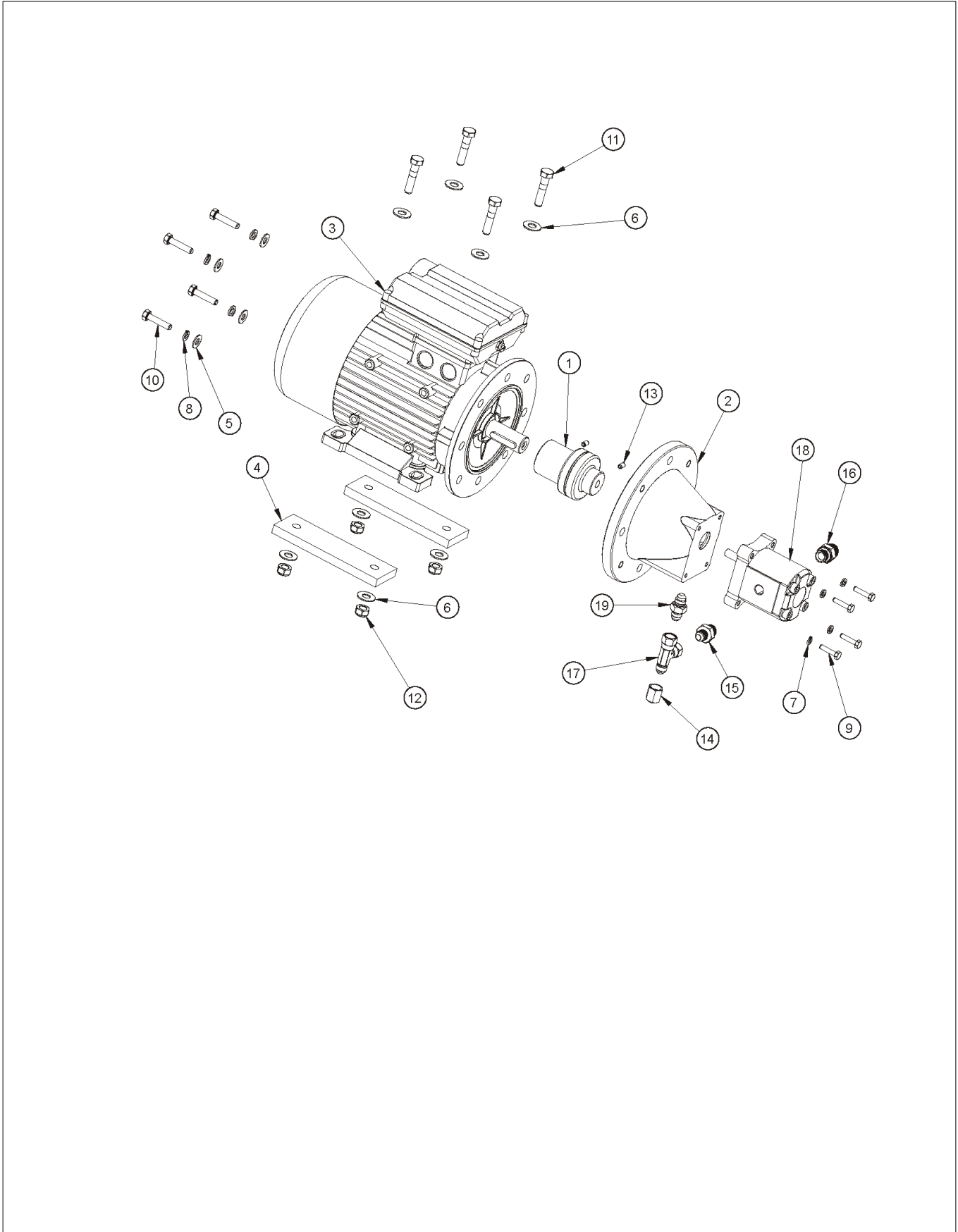
アイテム	部品番号	名前	数量	UOM
1	3603 08	Plain Washer	24	EA
2	3603 16	Plain Washer	6	EA
3	3610 06012	Metric Bolt	5	EA
4	3610 10016	Metric Bolt	1	EA
5	3611 08	Metric Nylock Nut	12	EA
6	3617 16035	Metric Bolt	8	EA
7	3626 10	Flanged Permaglide Bush	10	EA
8	3626 13	Flanged Permaglide Bush	2	EA
9	3626 5	Flanged Permaglide Bush	2	EA
10	3630 3	Split Pin	1	EA
11	3631 16	Disc Lock Washer	8	EA
12	3668 08020	Button Head Socket Screw	6	EA
13	8626	Pin Keeper	1	EA
14	8628	PIN KEEPER 6MM PLATED	5	EA
15	11492 1	LOCKTAB 6mm	5	EA
16	11492 3	Tab Washer	1	EA
17	12288 100	Upper Flyboom Weldment	1	EA
18	12288 110	Lower Flyboom Weldment	1	EA
19	12332	Flyboom Cylinder	1	EA
20	12347	Pin 20 x 134mm	1	EA
21	12349	Pin 20x144mm	4	EA
22	12383	Quadrant Jib/Upper Boom Weld	1	EA
23	13468	Load Cell	1	EA
24	13497	Steel Basket Bottom Mount	1	EA
25	13563 2	Rotator Half Basket	1	EA
26	13564	Rotator Half , Jib	1	EA
27	13564 1	Rotator Half Jib	1	EA
28	13570	Pin 25 x 172mm	1	EA
29	12330A	Rotator Cylinder	1	EA

OPTIONS



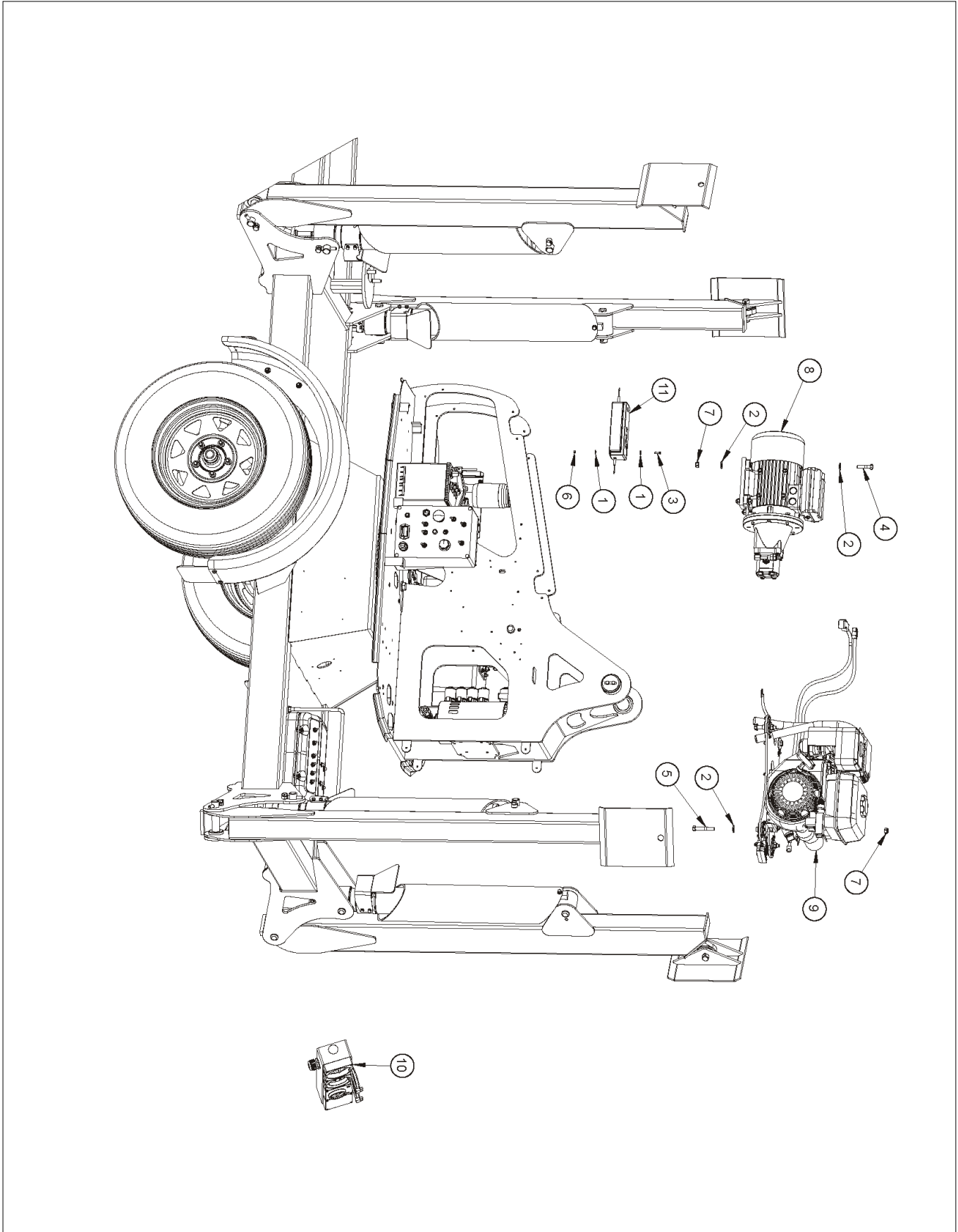
アイテム	部品番号	名前	数量	UOM
1	1807	Appliance Outlet	1	EA
2	1865 001	PDL Switch	1	EA
3	3603 05	Plain Washer	34	EA
4	3610 05012	Metric Bolt	4	EA
5	3611 05	Metric Nyloc Nut	28	EA
6	10263	Compression Gland 16mm	1	EA
7	10967 3	PDL Enclosure	1	EA
8	10967 5	Mounting Feet	2	EA

OPTIONS



アイテム	部品番号	名前	数量	UOM
0	9018 5	Honda 240V Pump	1	EA
1	1657 007	Coupling, Taper Shaft	1	EA
2	1658 006	Bell Housing	1	EA
3	1867 001	Motor, 240VAC	1	EA
4	1867 005	MTR foot Adjustment	2	EA
5	3603 08	Plain Washer	4	EA
6	3603 10	Plain Washer	8	EA
7	3605 06	Spring Washer	4	EA
8	3605 08	Spring Washer	4	EA
9	3610 06025	Metric Bolt	4	EA
10	3610 08035	Metric Bolt	4	EA
11	3610 10045	Metric Bolt	4	EA
12	3611 10	Metric Nyloc Nut	4	EA
13	3612 06010	Metric Grub Screw	2	EA
14	6983 001	Cap JICF 9/16	1	EA
15	7013 003	Adapter BSPPM (Dowty) x JICM Straight 3/8" 9/16"	1	EA
16	7013 004	Adapter BSPPM (Dowty) x JICM Straight 3/8" 3/4"	1	EA
17	9501 2	Tee, 9/16 JICF	1	EA
18	10432	Pump Assembly	1	EA
19	11058 1	Check Fitting, JICM 9/16	1	EA

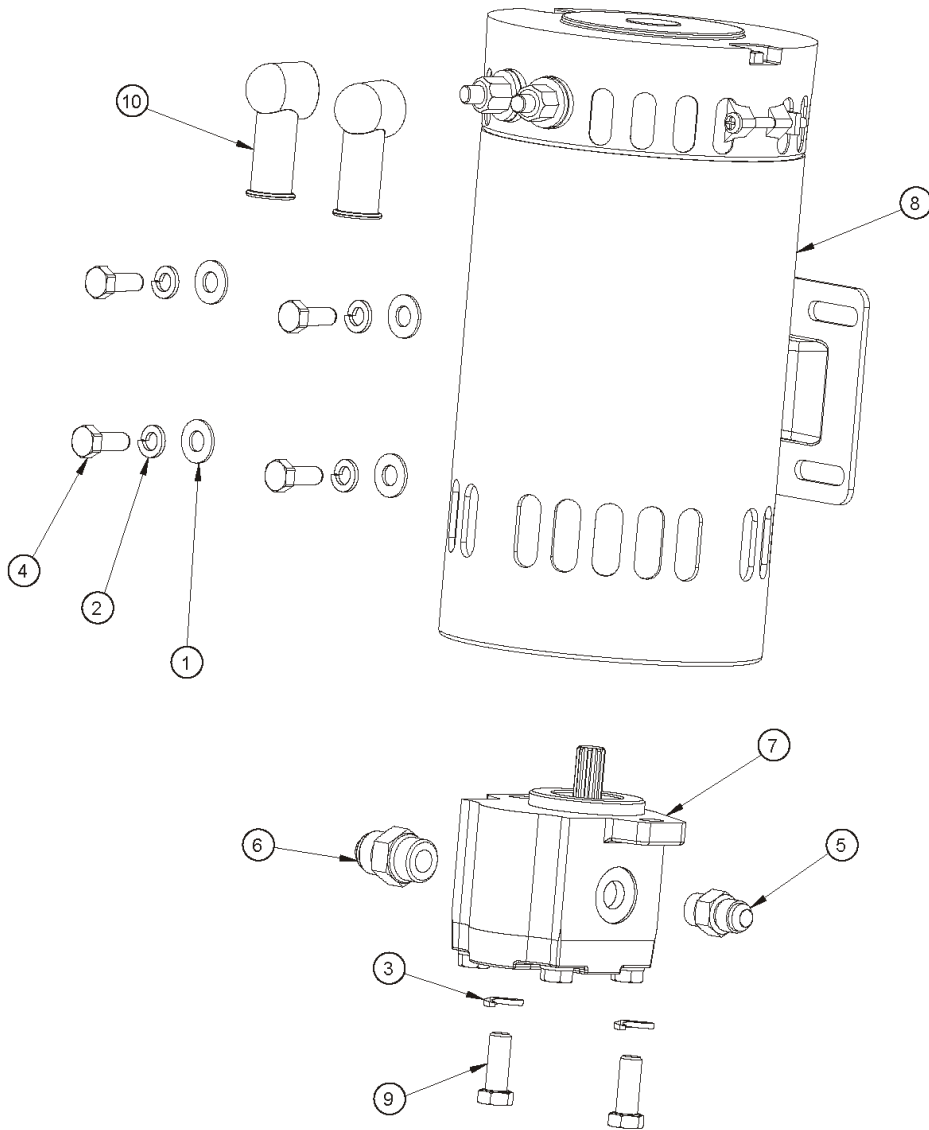
OPTIONS



アイテム	部品番号	名前	数量	UOM
1	1657 007	Coupling, Taper Shaft	1	EA
2	1658 006	Bell Housing	1	EA
3	1867 001	Motor, 240VAC	1	EA
4	1867 005	MTR foot Adjustment	2	EA
5	3603 08	Plain Washer	4	EA
6	3603 10	Plain Washer	8	EA
7	3605 06	Spring Washer	4	EA
8	3605 08	Spring Washer	4	EA
9	3610 06025	Metric Bolt	4	EA
10	3610 08035	Metric Bolt	4	EA
11	3610 10045	Metric Bolt	4	EA
12	3611 10	Metric Nyloc Nut	4	EA
13	3612 06010	Metric Grub Screw	2	EA
14	6983 001	Cap JICF 9/16	1	EA
15	7013 003	Adapter BSPPM (Dowty) x JICM Straight 3/8" 9/16"	1	EA
16	7013 004	Adapter BSPPM (Dowty) x JICM Straight 3/8" 3/4"	1	EA
17	9501 2	Tee, 9/16 JICF	1	EA
18	10432	Pump Assembly	1	EA
19	11058 1	Check Fitting, JICM 9/16	1	EA

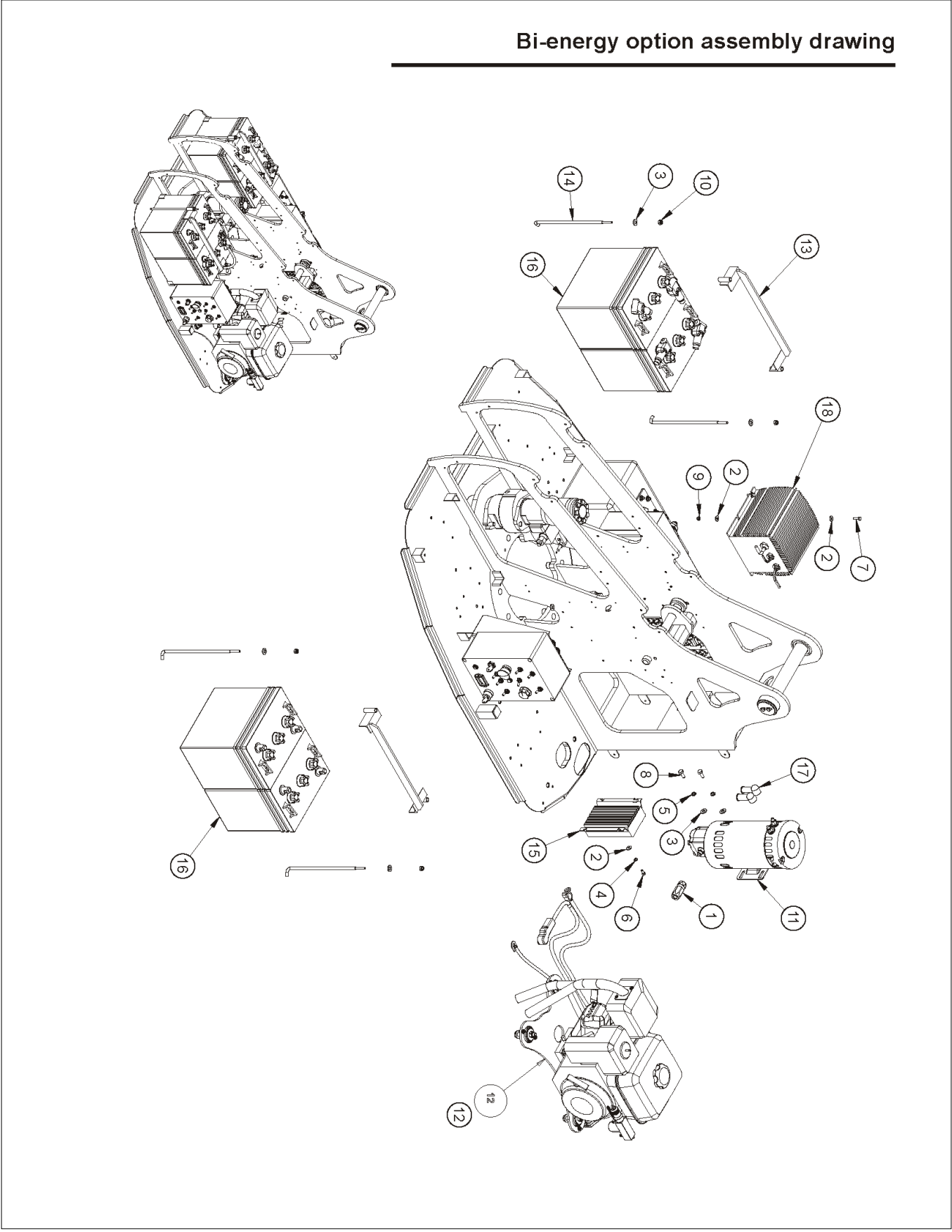
OPTIONS

24V DC electric motor option



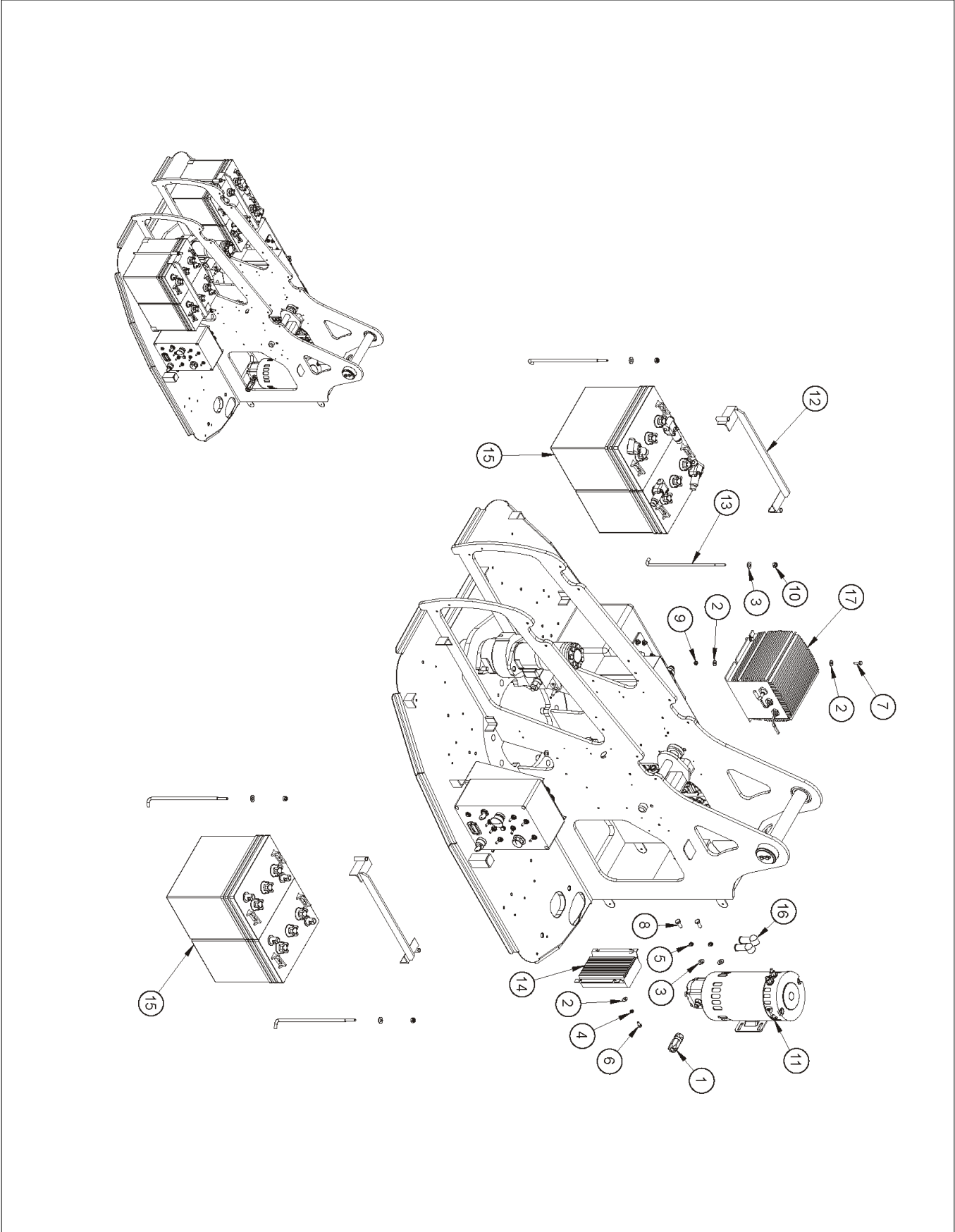
アイテム	部品番号	名前	数量	UOM
0	12434	Pump Assembly	1	EA
1	3603 08	Plain Washer	4	EA
2	3605 08	Spring Washer	4	EA
3	3605 10	Spring Washer	2	EA
4	3610 08020	Metric Bolt	4	EA
5	7025 001	Adapter JICM UNO Straight 9/16" 9/16"	1	EA
6	7025 003	Adapter JICM UNO Straight 3/4" 3/4"	1	EA
7	11930	Pump, 1.3CC 2 Bolt 9 Spline	1	EA
8	3080046	24V DC Motor	1	EA
9	60017 007	1" x 3/8 UNC Bolt	2	EA
10	3040269	Boot Cable Entry Black 1/0 GA	2	EA

OPTIONS



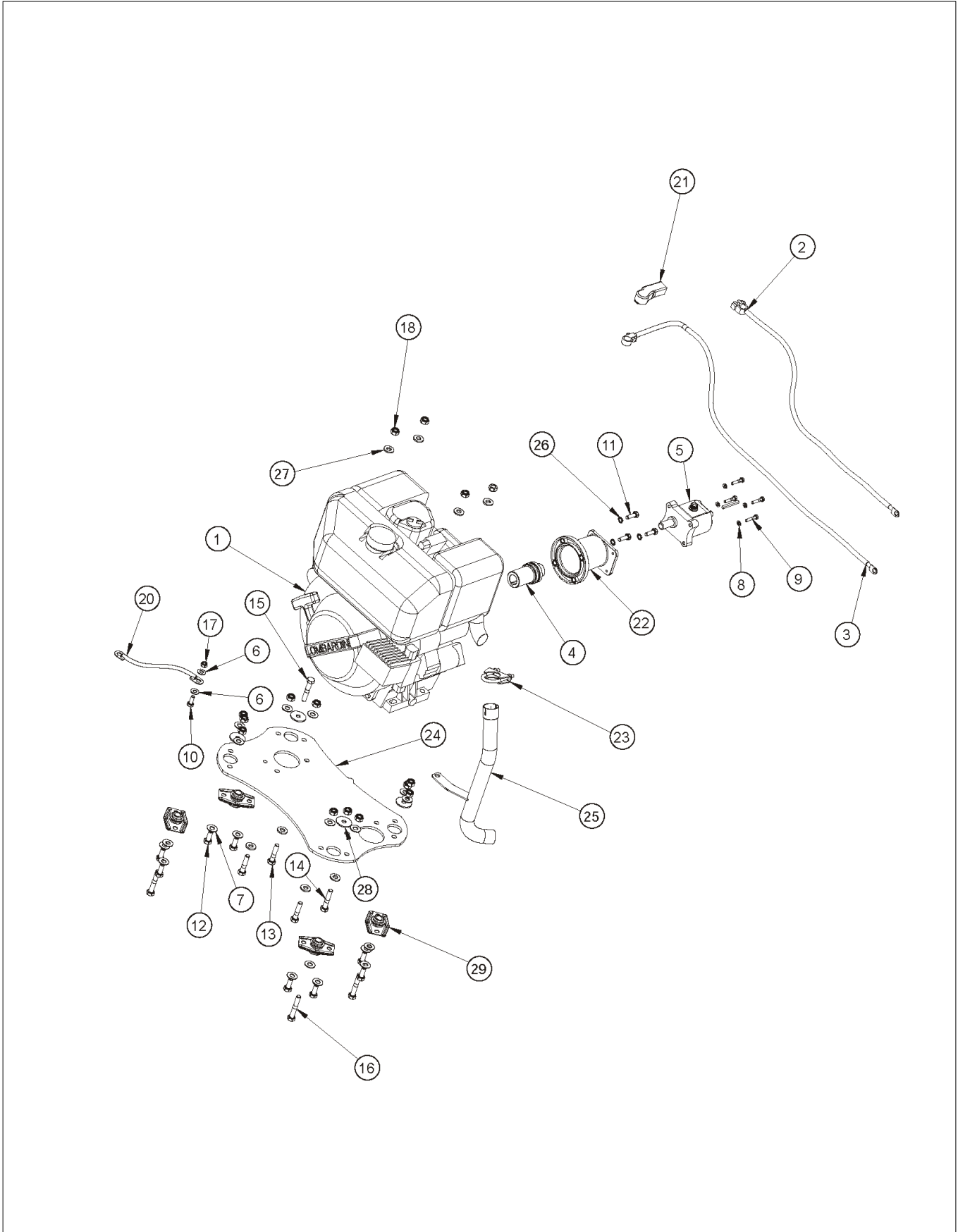
アイテム	部品番号	名前	数量	UOM
1	3566 1	Check Valve	1	EA
2	3603 06	Plain Washer	26	EA
3	3603 08	Plain Washer	13	EA
4	3605 06	Spring Washer	6	EA
5	3605 08	Spring Washer	8	EA
6	3610 06012	Metric Bolt	6	EA
7	3610 06020	Metric Bolt	4	EA
8	3610 08020	Metric Bolt	4	EA
9	3611 06	Metric Nyloc Nut	12	EA
10	3611 08	Metric Nylock Nut	4	EA
11	12188	Emergency Pump Assembly	1	EA
12	12413	Engine Assembly	1	EA
13	12706	Battery Holder	2	EA
14	12706 11	Battery "J" Bolt	4	EA
15	12707	Convertor 24V DC to 12V DC	1	EA
16	92222 1	Battery 6V	4	EA
17	3040269	Boot Cable Entry Black 1/0 GA	2	EA
18	3050097	Battery Charger 24V Multi Input Voltage	1	EA

OPTIONS



アイテム	部品番号	名前	数量	UOM
1	3566 1	Check Valve	1	EA
2	3603 06	Plain Washer	26	EA
3	3603 08	Plain Washer	13	EA
4	3605 06	Spring Washer	6	EA
5	3605 08	Spring Washer	8	EA
6	3610 06012	Metric Bolt	6	EA
7	3610 06020	Metric Bolt	4	EA
8	3610 08020	Metric Bolt	4	EA
9	3611 06	Metric Nyloc Nut	12	EA
10	3611 08	Metric Nylock Nut	4	EA
11	12188	Emergency Pump Assembly	1	EA
12	12706	Battery Holder	2	EA
13	12706 11	Battery "J" Bolt	4	EA
14	12707	Convertor 24V DC to 12V DC	1	EA
15	92222 1	Battery 6V	4	EA
16	3040269	Boot Cable Entry Black 1/0 GA	2	EA
17	3050097	Battery Charger 24V Multi Input Voltage	1	EA

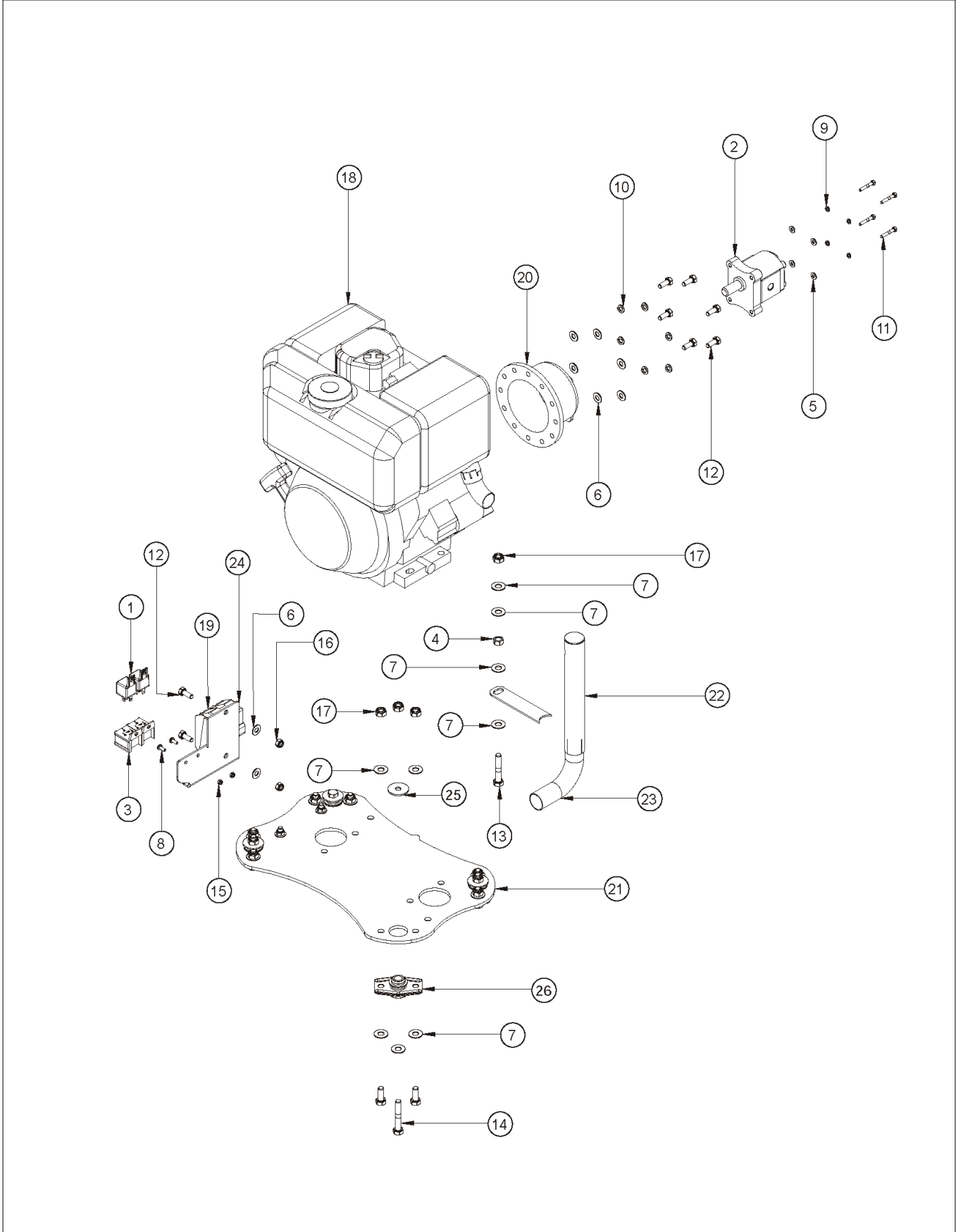
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アイテム	部品番号	名前	数量	UOM
0	12449A	Lombardini 15LD350 engine assembly	1	EA
1	1171 8	Lombardini 15LD315	1	EA
2	1650 030	Hamel Cable BS24C	1	EA
3	1650 031	Hamel Cable BS24C	1	EA
4	1657 11	Drive Coupling	1	EA
5	1659	Pump 2cc	1	EA
6	3603 08	Plain Washer	2	EA
7	3603 10	Plain Washer	19	EA
8	3605 06	Spring Washer	4	EA
9	3610 06030	Metric Bolt	4	EA
10	3610 08020	Metric Bolt	1	EA
11	3610 08025	Metric Bolt	4	EA
12	3610 10025	Metric Bolt	8	EA
13	3610 10045	Metric Bolt	3	EA
14	3610 10050	Metric Bolt	1	EA
15	3610 10055	Metric Bolt	1	EA
16	3610 10060	Metric Bolt	3	EA
17	3611 08	Metric Nylock Nut	1	EA
18	3611 10	Metric Nyloc Nut	15	EA
19	3612 06006	Metric Grub Screw	2	EA
20	3649 10	Battery Cable	1	EA
21	10254	Cover Battery Terminal HA 206U	1	EA
22	10417	Bellhousing	1	EA
23	12409	Exhaust Clamp	1	EA
24	12449 1	Engine Mount Plate	1	EA
25	12450	Exhaust Weld Lombardini	1	EA
26	60005 054	5/16" Ext. Lockwasher	4	EA
27	60030 061	3/8" Washer H/D	8	EA
28	5560179	Flat Washer Special	4	EA

アイテム	部品番号	名前	数量	UOM
29	7630208	Engine Mount	4	EA

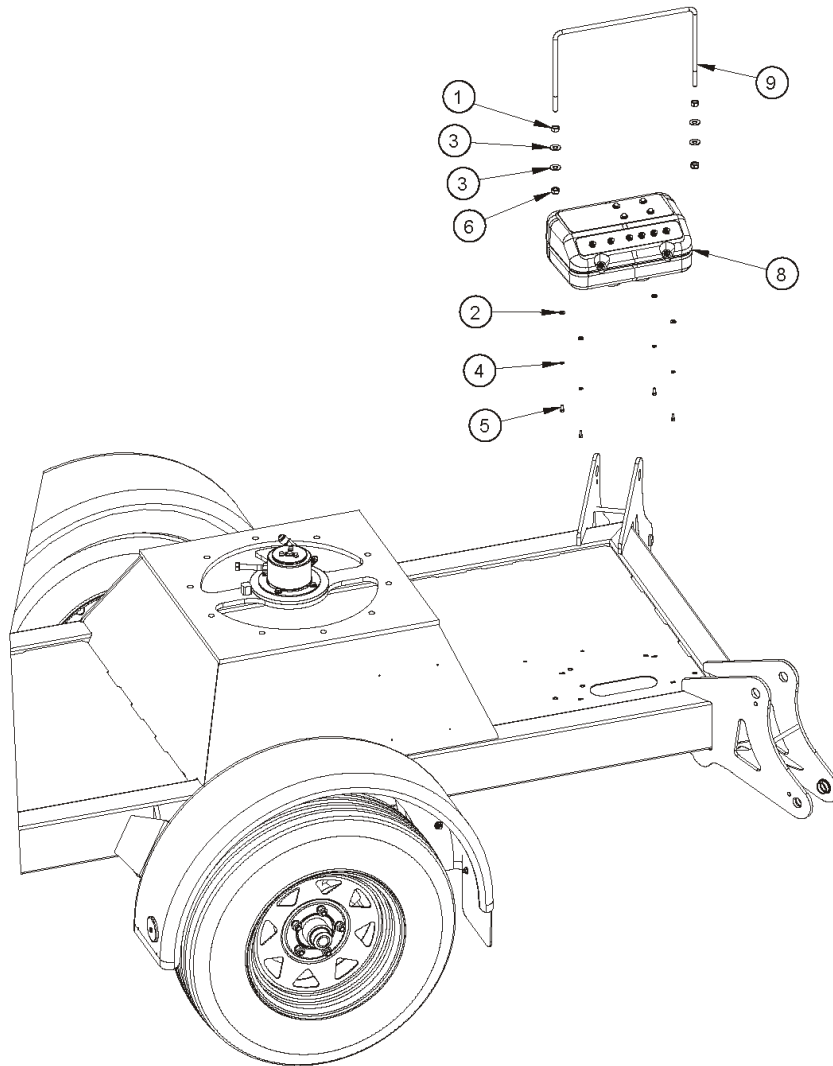
OPTIONS



アイテム	部品番号	名前	数量	UOM
0	13696 01	Engine Assembly	1	EA
1	1650 010	Relay 12V	2	EA
2	1659	Pump 2cc	1	EA
3	2065 002	Plug In Relay Base	2	EA
4	3602 10	Metric Nut	1	EA
5	3603 05	Plain Washer	4	EA
6	3603 08	Plain Washer	12	EA
7	3603 10	Plain Washer	23	EA
8	3604 05012	Pan Head Screw	2	EA
9	3605 05	Spring Washer	4	EA
10	3605 08	Spring Washer	6	EA
11	3610 05030	Metric Bolt	4	EA
12	3610 08020	Metric Bolt	8	EA
13	3610 10055	Metric Bolt	2	EA
14	3610 10060	Metric Bolt	3	EA
15	3611 05	Metric Nyloc Nut	2	EA
16	3611 08	Metric Nylock Nut	4	EA
17	3611 10	Metric Nyloc Nut	12	EA
18	13695	Kohler KD225 Diesel Engine	1	EA
19	13695 01	Voltage Regulator	1	EA
20	13695 02	Bellhousing	1	EA
21	13697	Engine Mount Plate	1	EA
22	13698	Exhaust	1	EA
23	13698 10	Exhaust tail pipe	1	EA
24	13699	Regulator mount bracket	1	EA
25	5560179	Flat Washer Special	4	EA
26	7630208	Engine Mount	4	EA

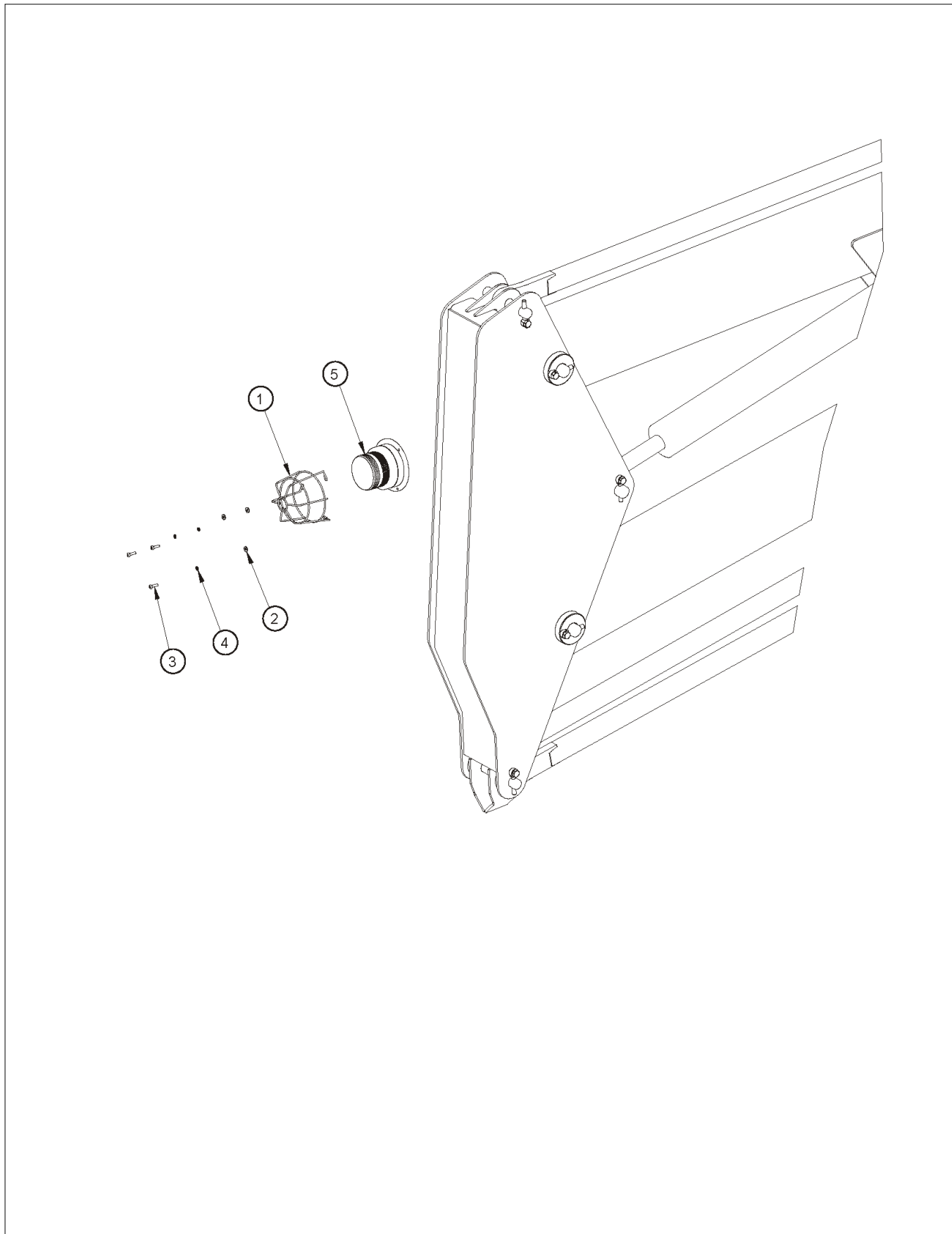
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Auto stabiliser option



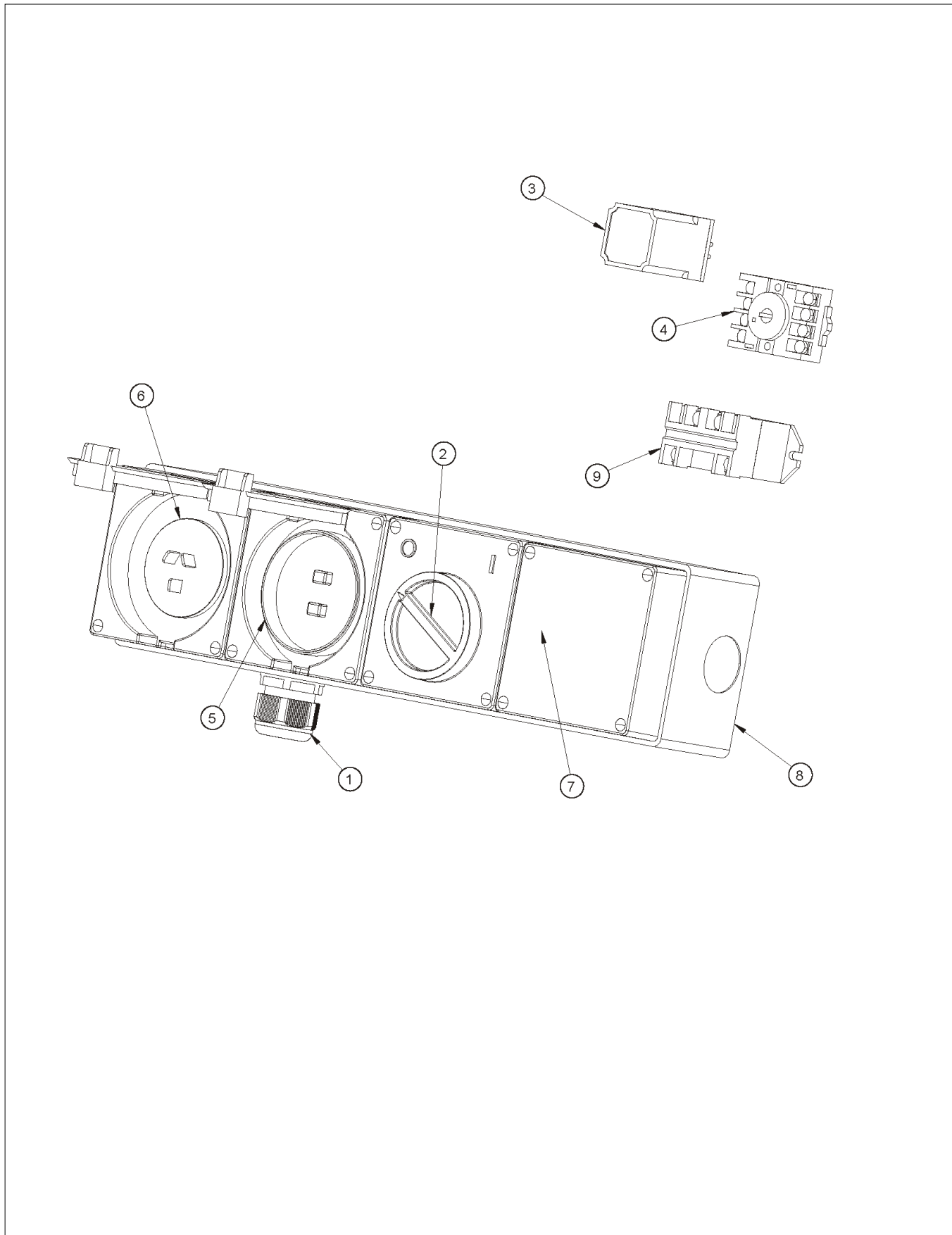
アイテム	部品番号	名前	数量	UOM
1	3602 10	Metric Nut	2	EA
2	3603 05	Plain Washer	10	EA
3	3603 10	Plain Washer	8	EA
4	3605 05	Spring Washer	4	EA
5	3610 05012	Metric Bolt	4	EA
6	3611 10	Metric Nyloc Nut	4	EA
7	12336 2	Cylinder Base	2	EA
8	12404	Control Box Auto Stabiliser	1	EA
9	12418 1	Valve Bank Guard	1	EA

OPTIONS



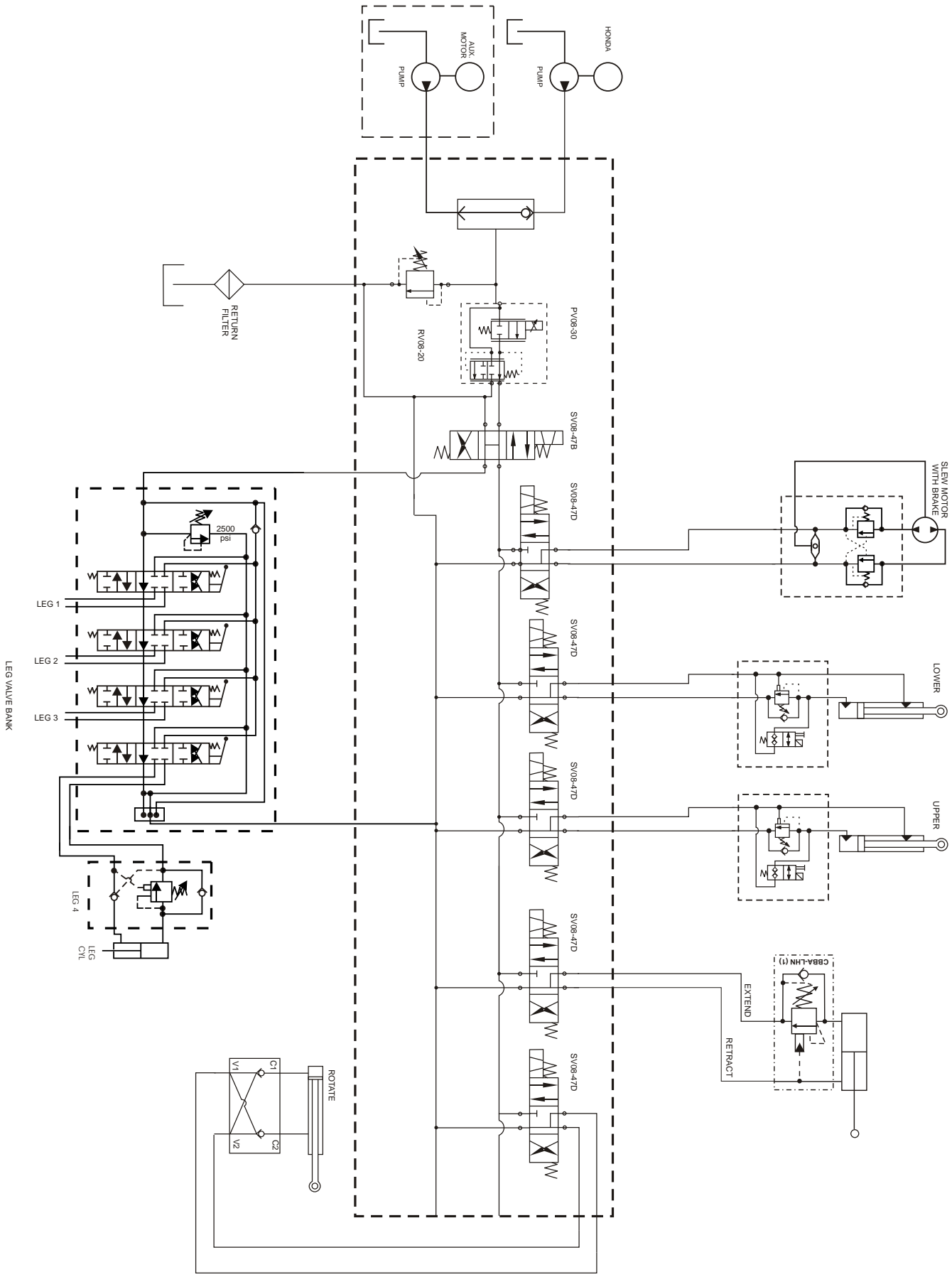
アイテム	部品番号	名前	数量	UOM
1	1866 004	Guard, flashing light	1	EA
2	3603 05	Plain Washer	3	EA
3	3604 05020	Pan Head Screw	3	EA
4	3605 05	Spring Washer	3	EA
5	13580	Flashing Light Amber, LED	1	EA

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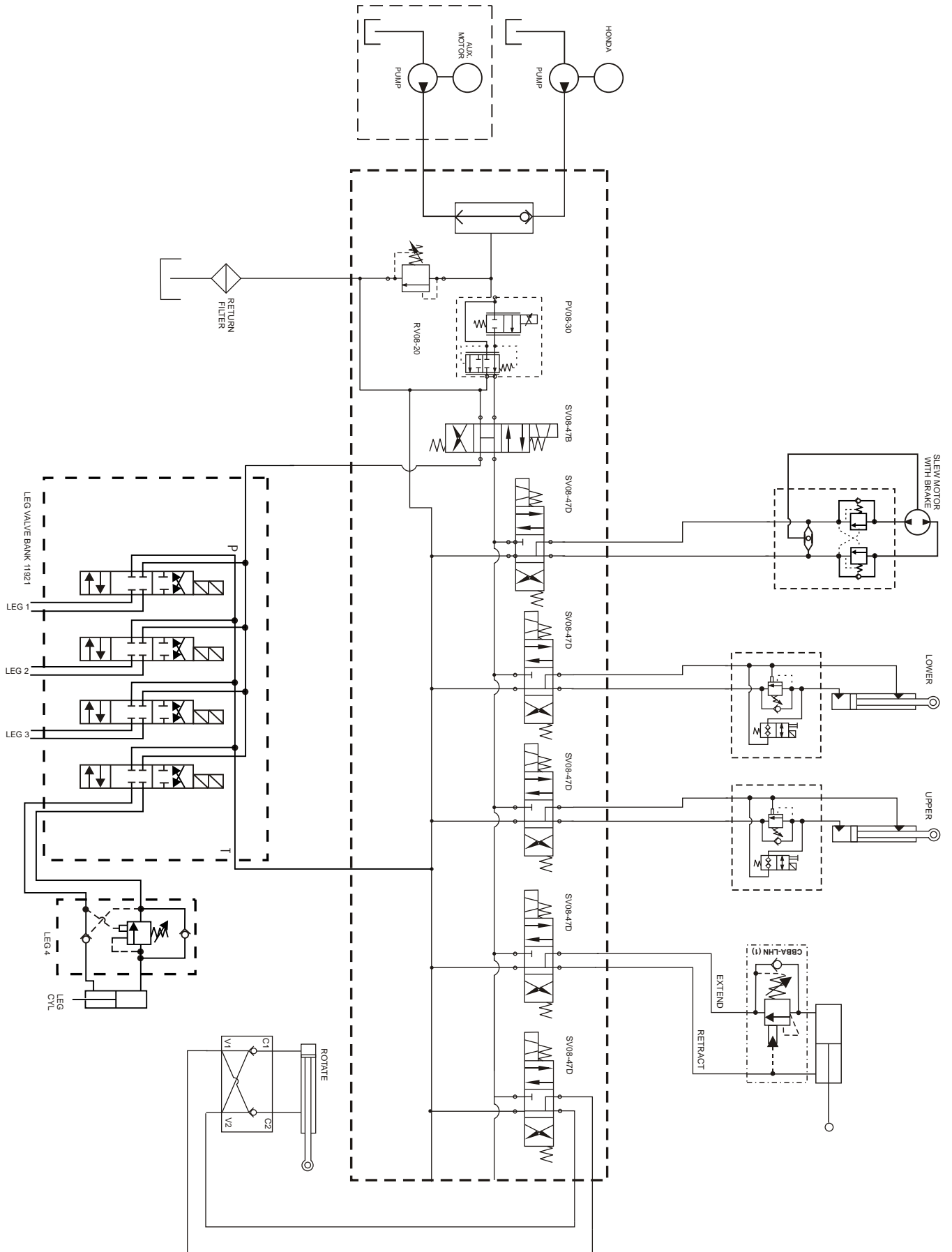


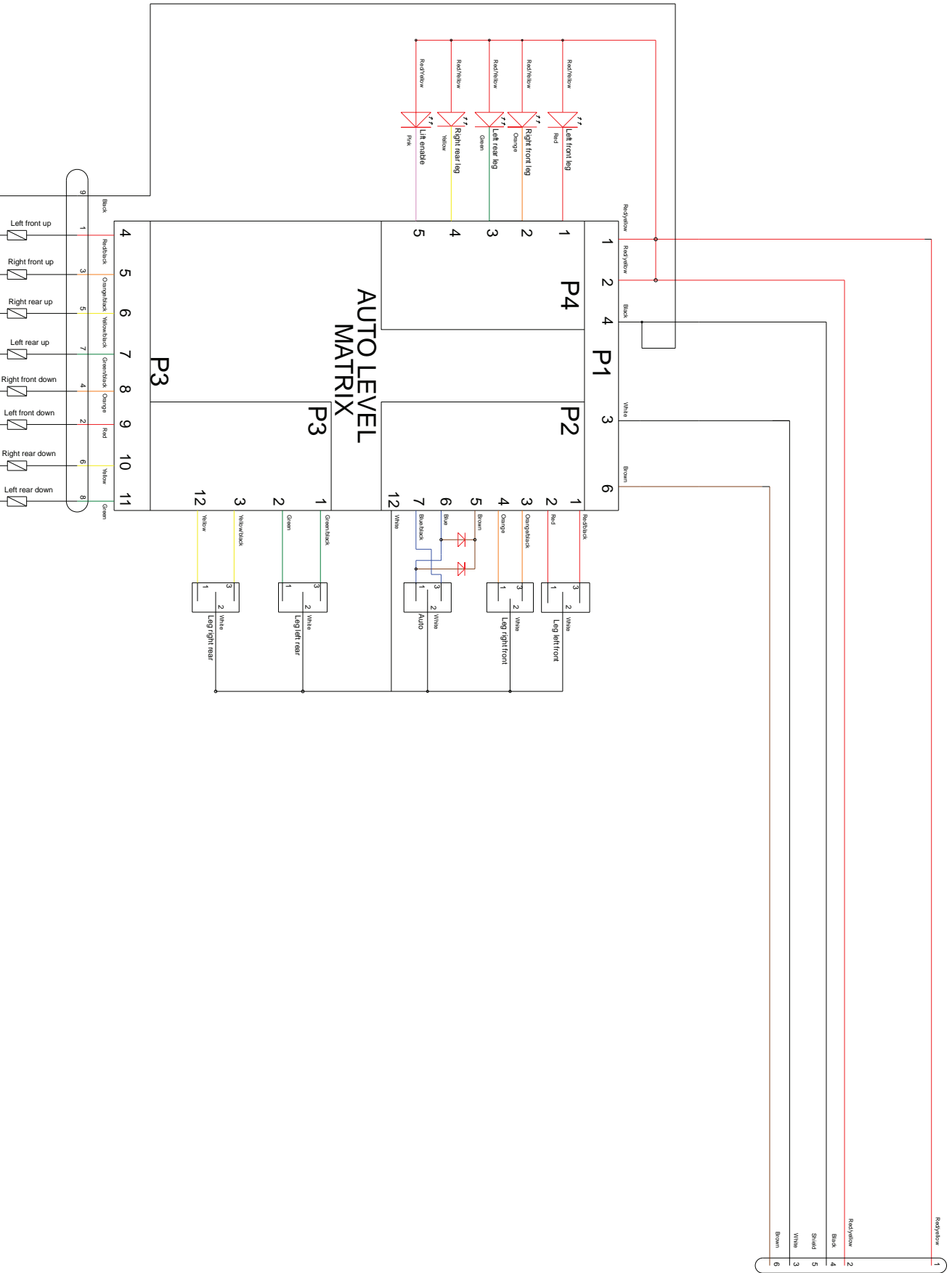
アイテム	部品番号	名前	数量	UOM
1	1815	Compression Gland 25mm	1	EA
2	1865 001	PDL Switch	1	EA
3	2500 5	Relay MK2P	1	EA
4	2500 6	Relay Mounting Base	1	EA
5	10967 1	Residual current device (with appliance inlet pins)	1	EA
6	10967 2	Appliance Inlet	1	EA
7	10967 4	PDL Enclosure Lid	1	EA
8	10967 6	PDL ENclosure 4x1	1	EA
9	11588	Relay G7L	1	EA

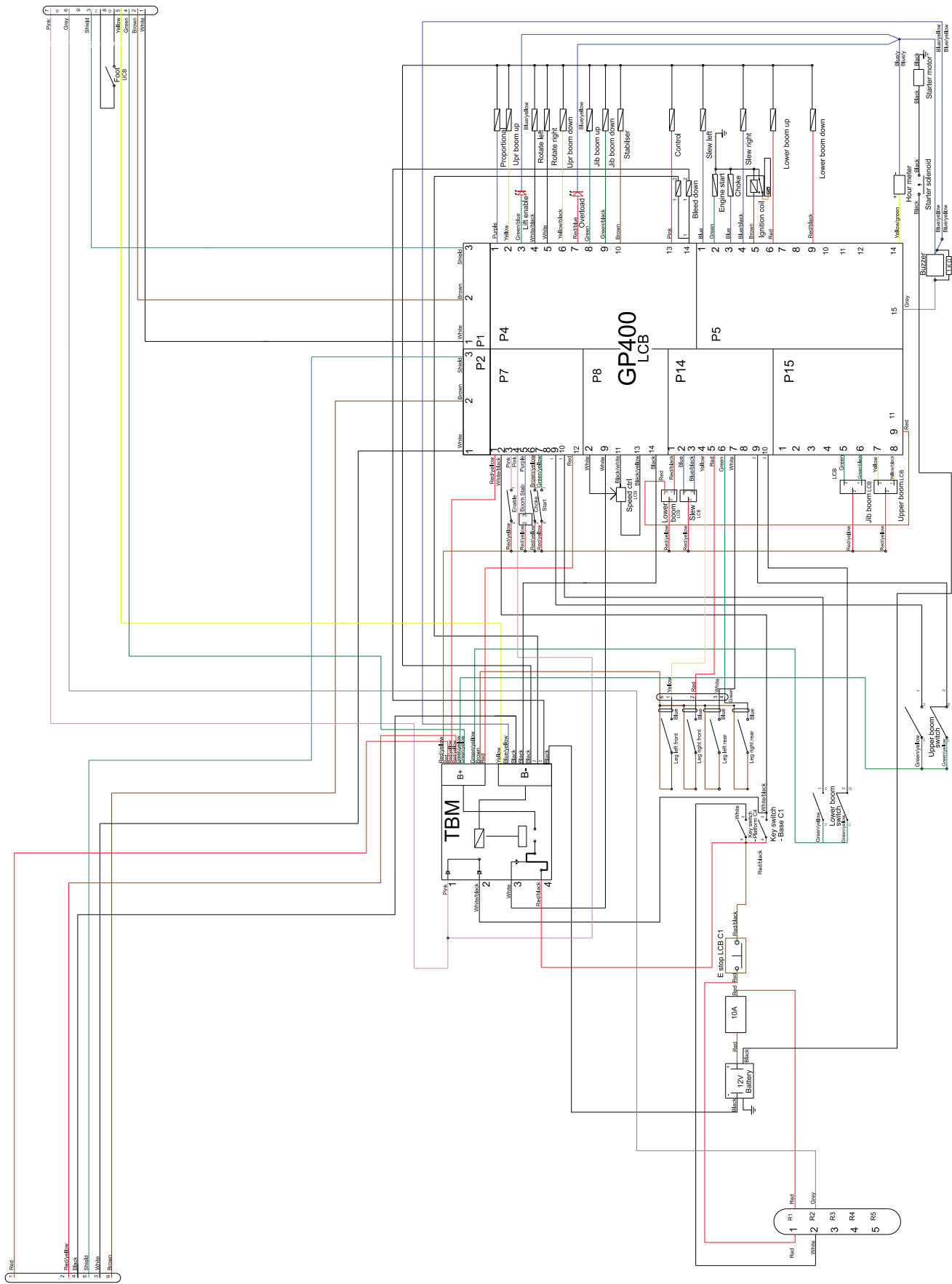
Hydraulic schematic for standard machines

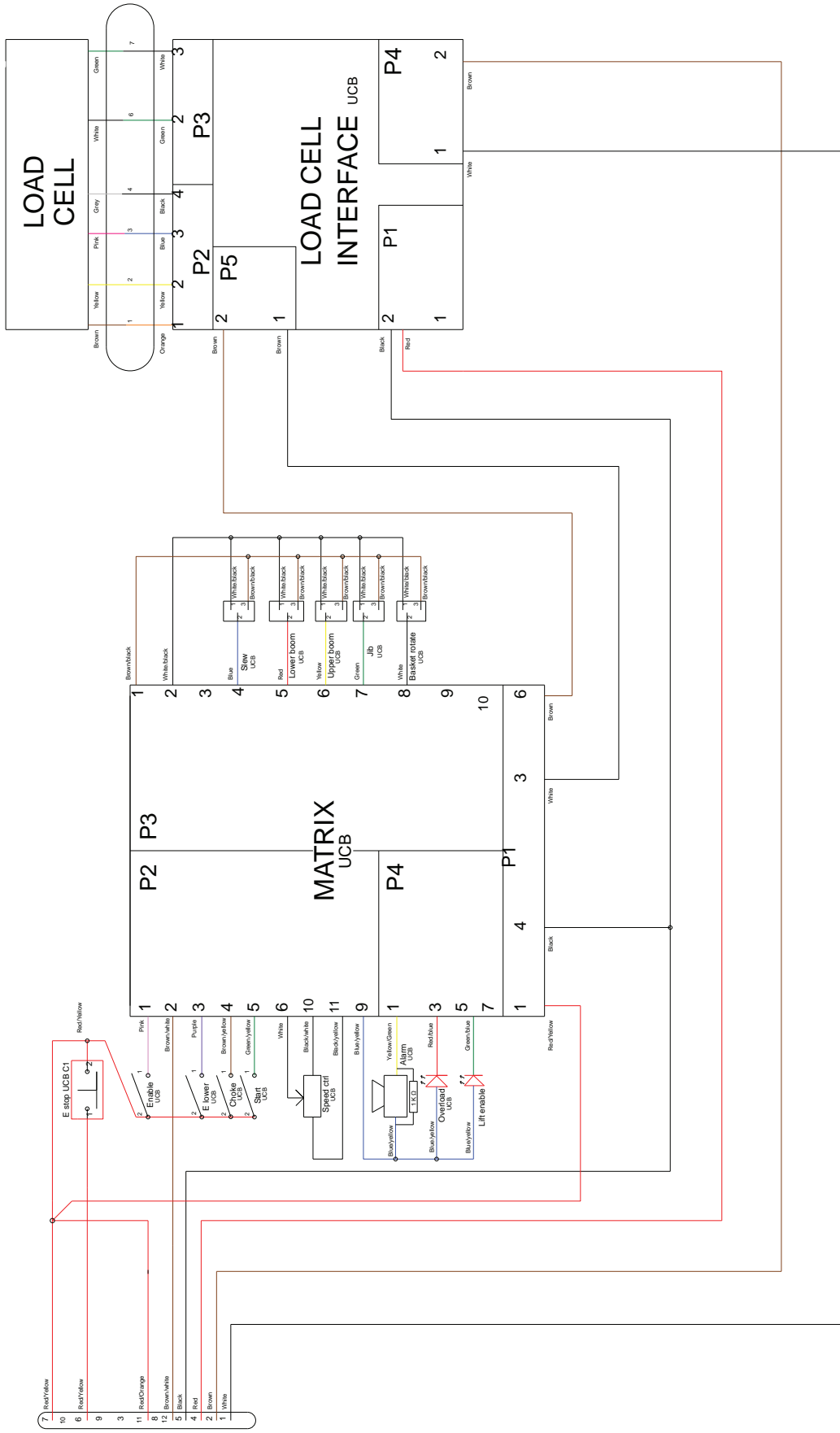


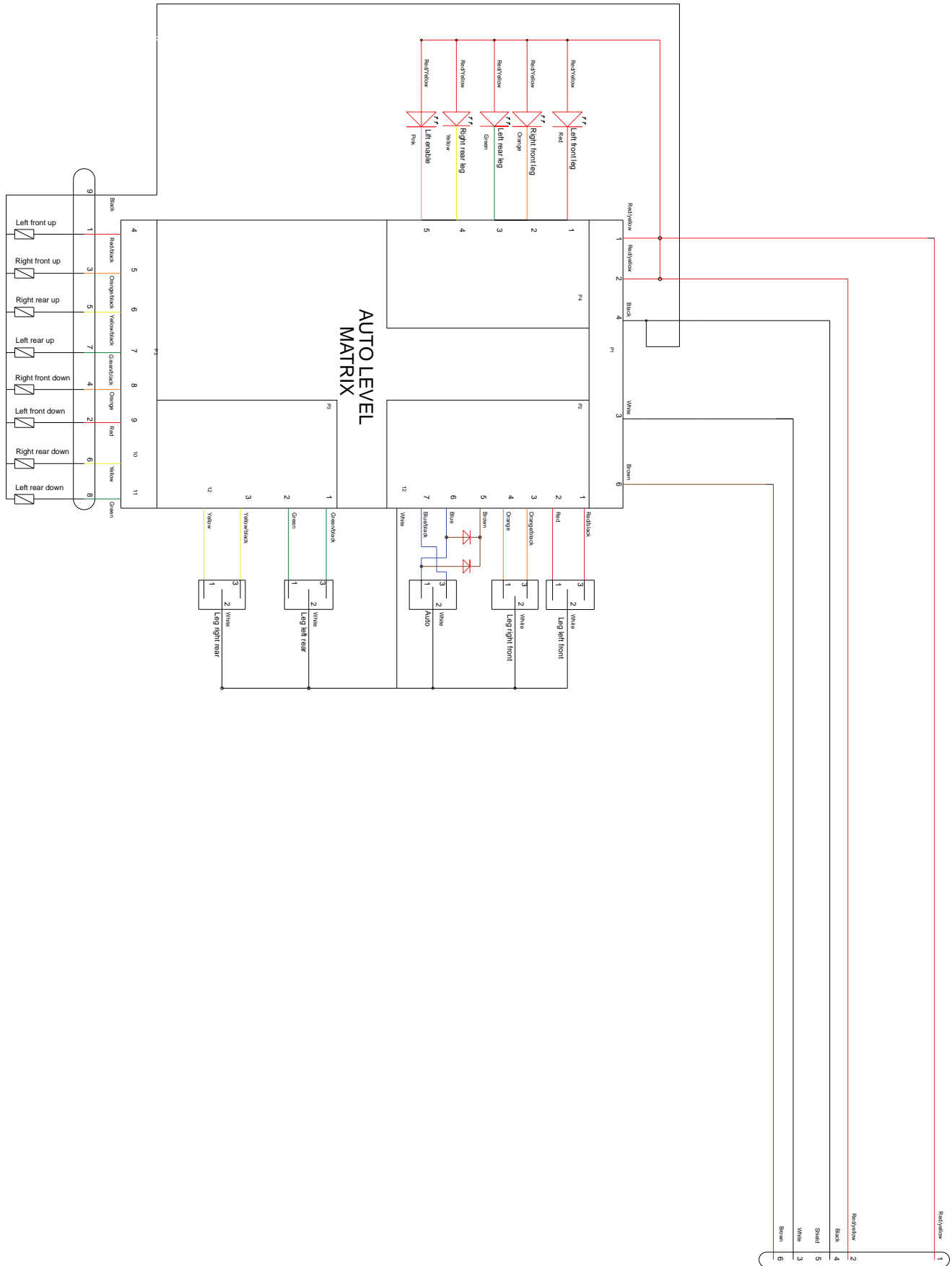
Hydraulic schematic for auto level machines





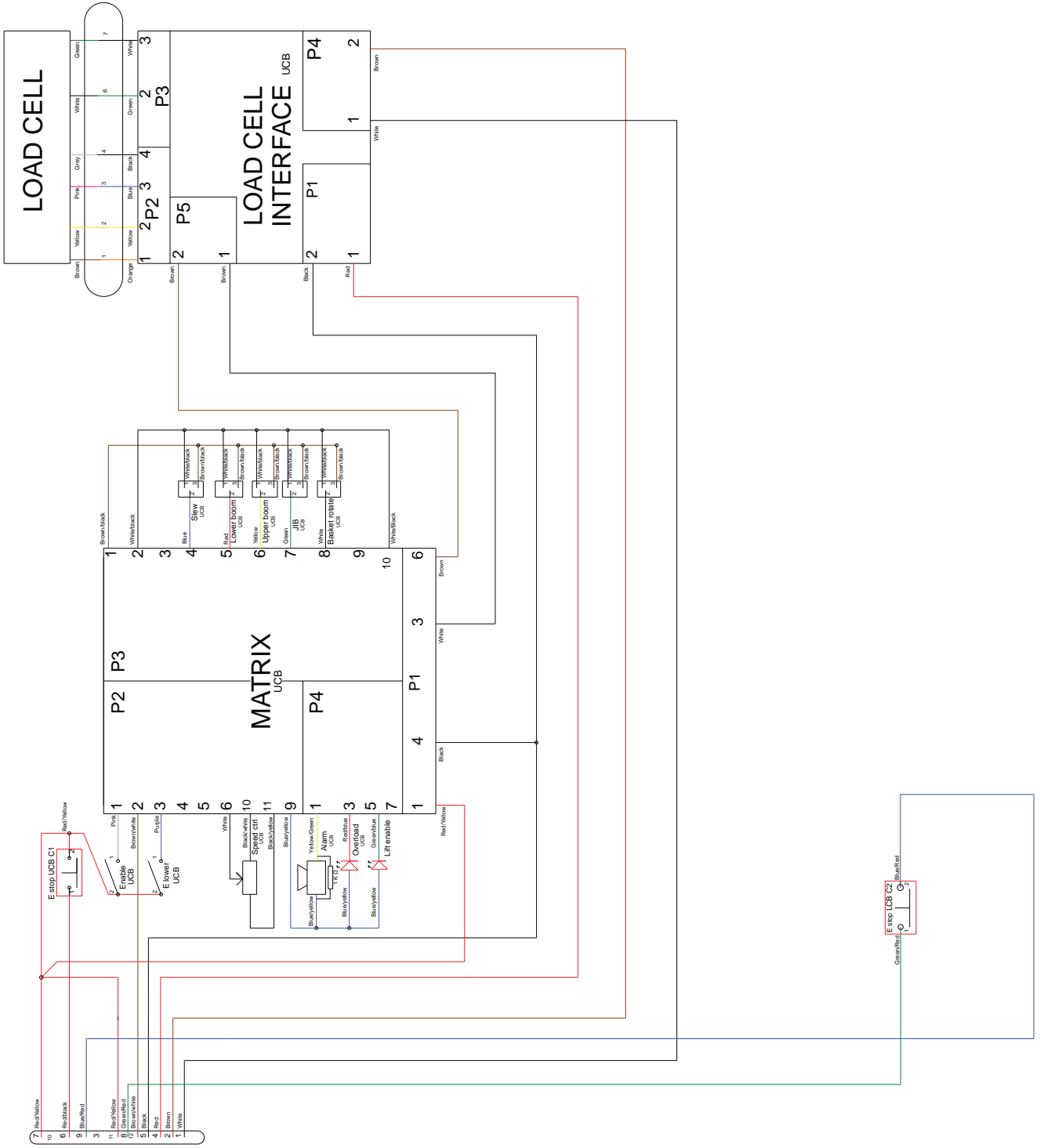


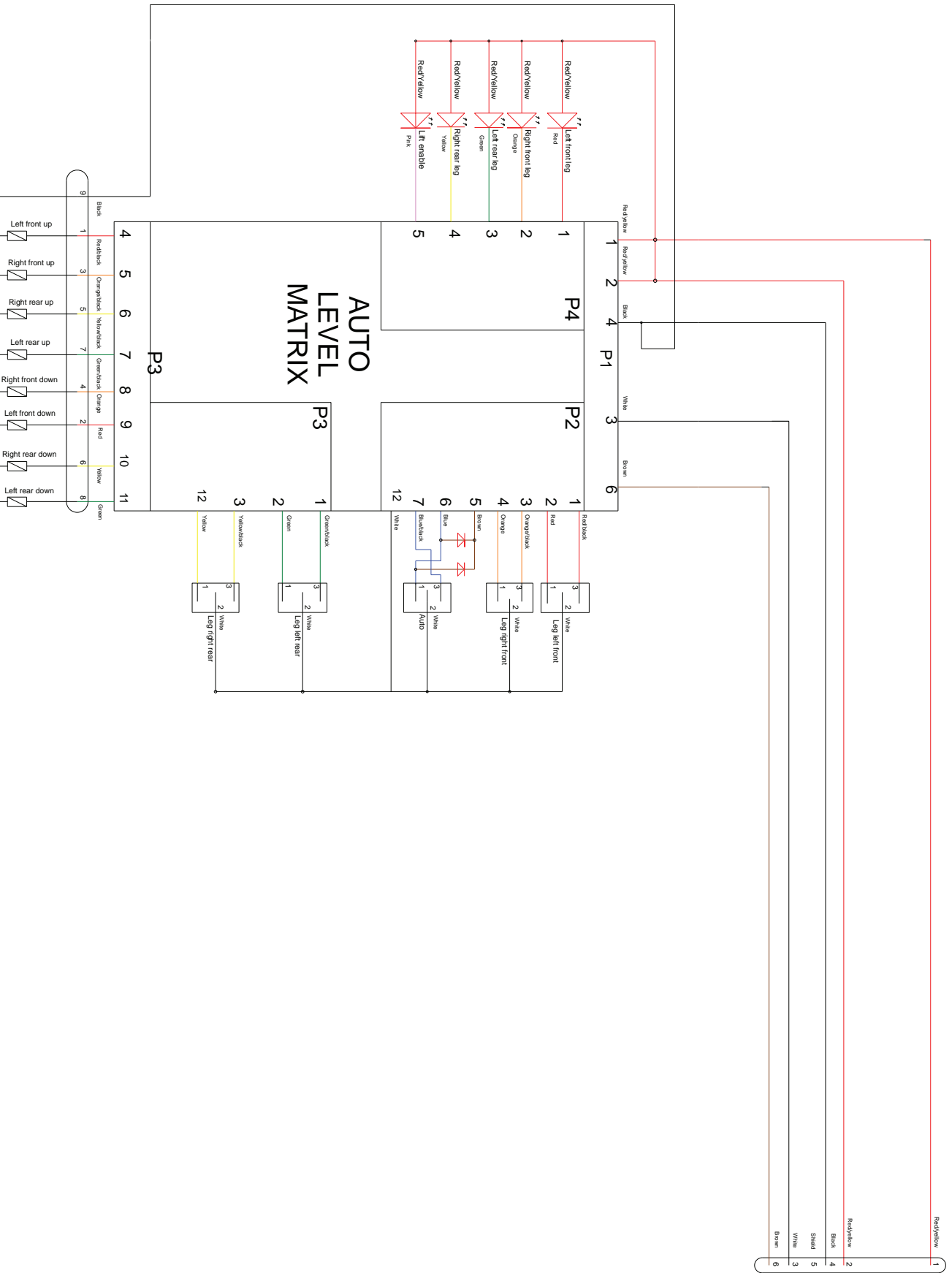


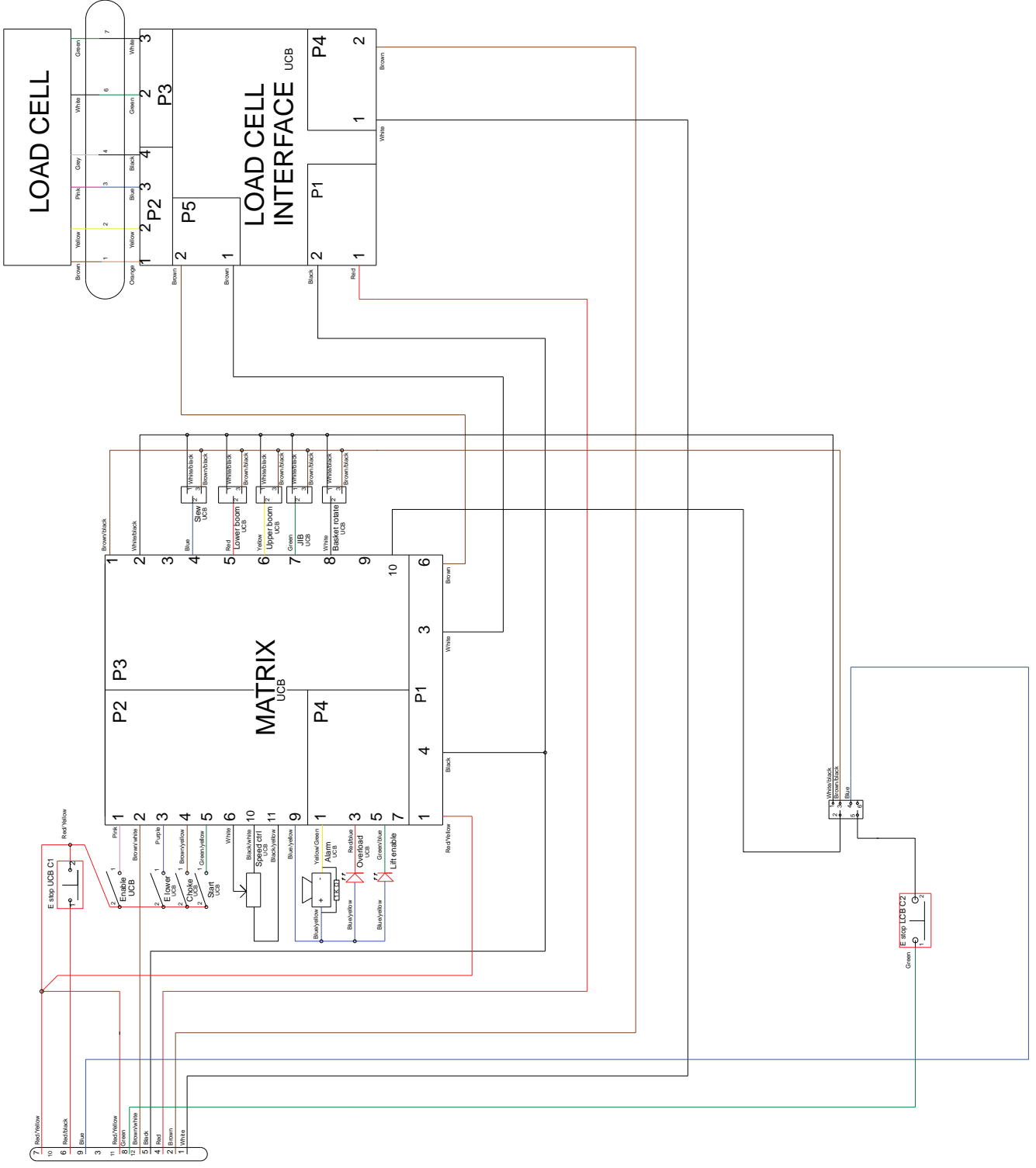


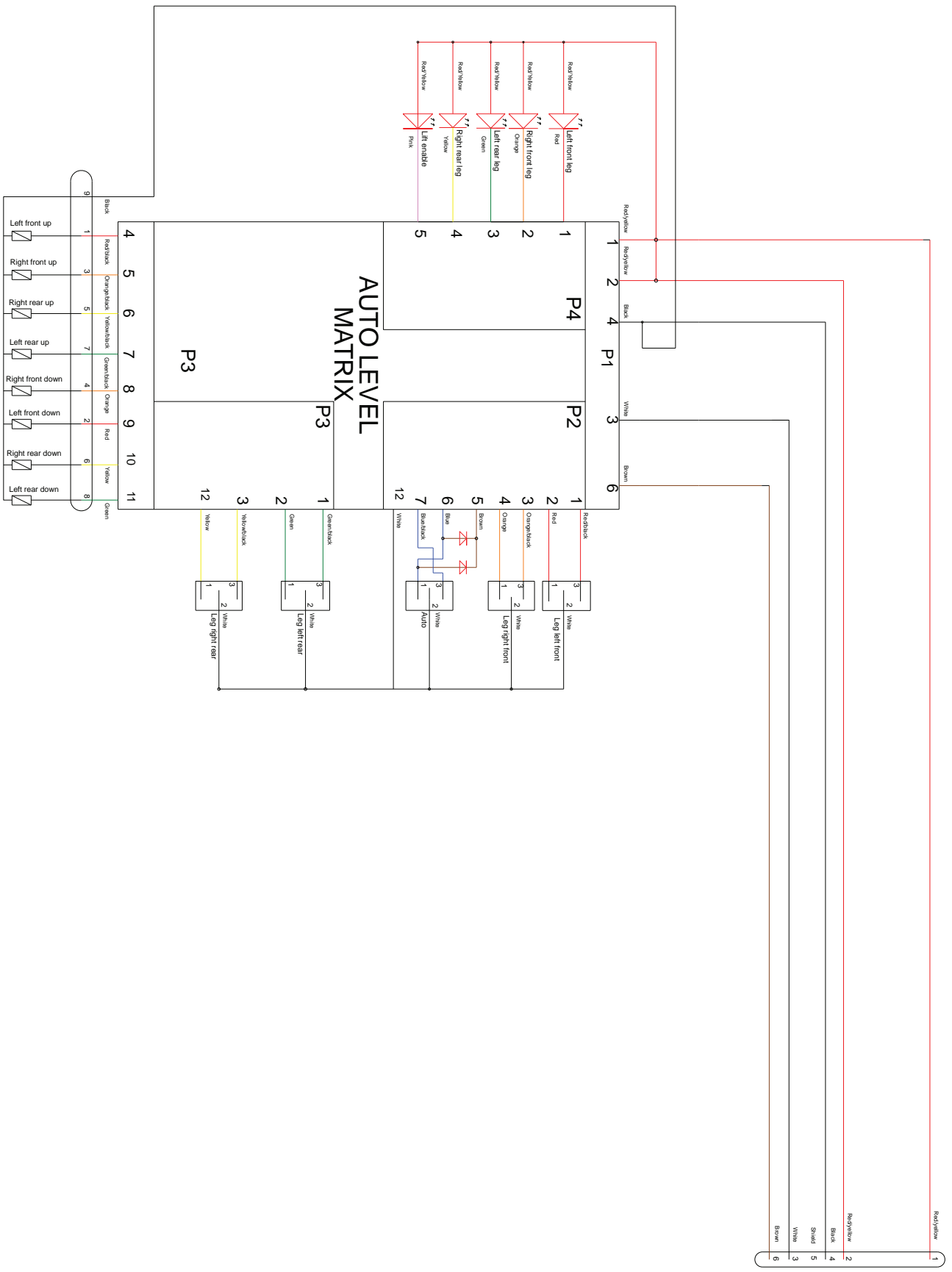
AUTO LEVEL MATRIX

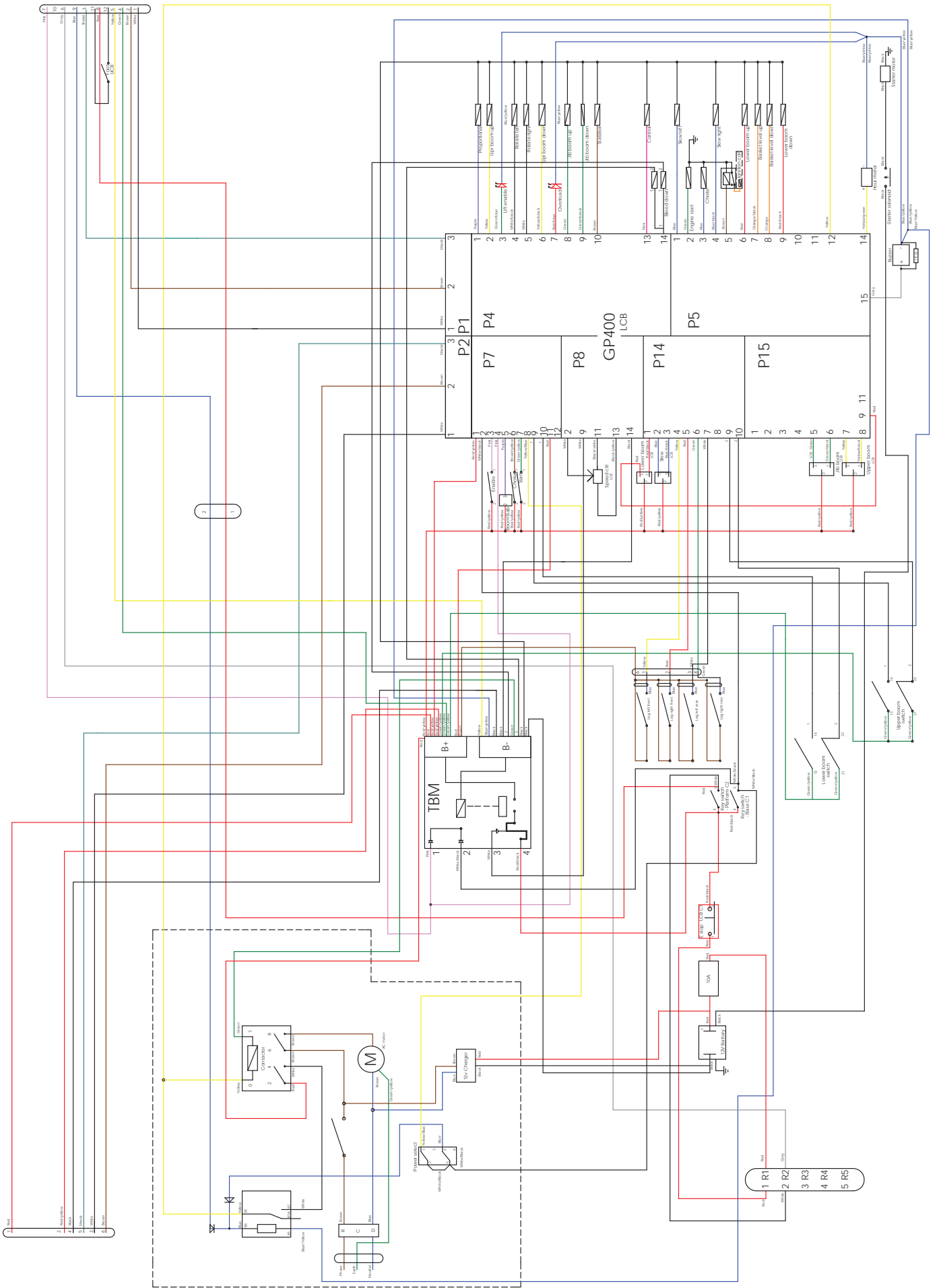
- Red/Black 1
- Black 2
- Shield 4
- White 3
- Brown 5
- Brown 6

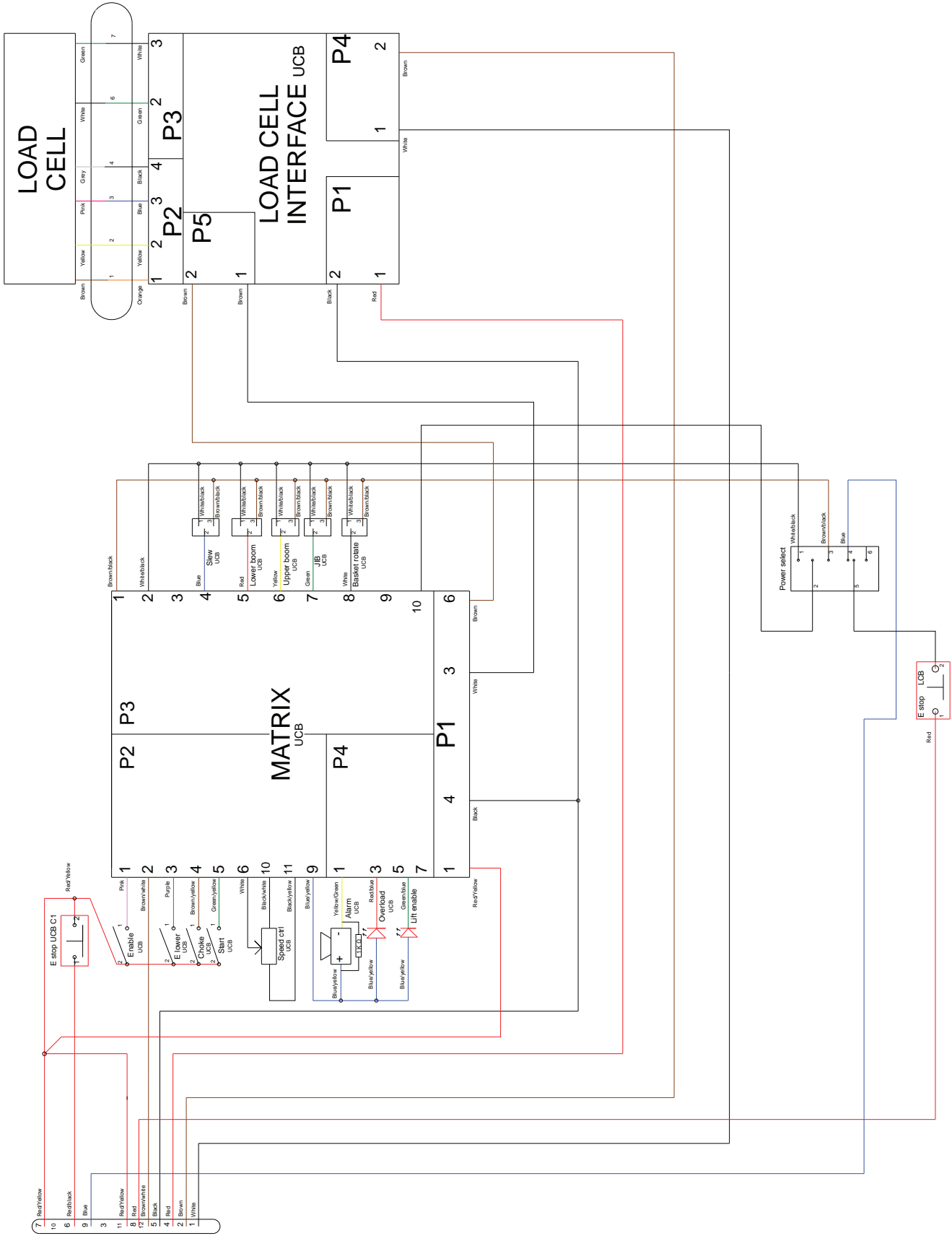












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